

AD-A113 157 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE TAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
DEC 81

UNCLASSIFIED USAFETAC/DS-82/004

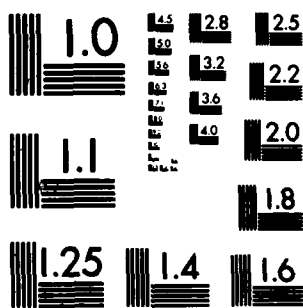
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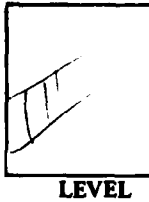


MICROCOPY RESOLUTION TEST CHART  
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DOCUMENT IDENTIFICATION

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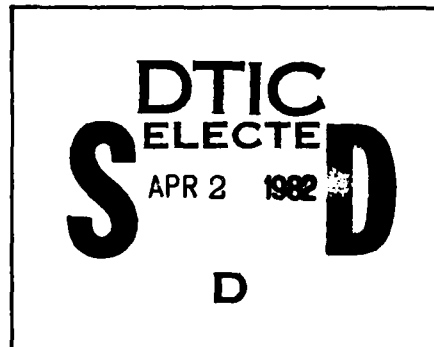
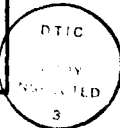
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USAFETAC/DS-82/004

**DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )**

**REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS**

JACKSONVILLE FL  
N 30 30 W 081 42

FLD ELEV 29 FT JAX

WBN #13889  
WMO #72206

PARTS A-F

FOR FROM HOURLY OBS: JUN 73 - MAY 81

FOR FROM DAILY CBS: JAN 48 - MAY 81

TIME CONVERSION GMT TO LST: -5

DEC 28 1981

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This technical report has been reviewed and is approved for publication.

*Wayne E. McCollom*  
WAYNE E. MCCOLLOM, Chief  
Technical Information Section  
USAFETAC/TST

FOR THE COMMANDER

\_\_\_\_\_  
WALTER S. BURGMANN  
AWS Scientific and Technical  
Information Officer (STINFO)

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

AOE 850 138

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 82/004	2. GOVT ACCESSION NO. AD A113 157	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Jacksonville IAP, Florida		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
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11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 28 DEC 81															
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		15a. DECLASSIFICATION DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Jacksonville IAP, Florida. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)).																	

DD FORM 1 JAN 73 1473

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19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Florida

\* Jacksonville IAP, Florida

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the day (consisting of record or record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of surface weather observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Air Force and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY 13889	STATION NAME Jacksonville Int'l Apt FL	LATITUDE 30 30 N	LONGITUDE 081 42 W	FIELD ELEV (FT.) 29	CALL SIGN JAX	WMO NUMBER 72206
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## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	WT. BARO.	
	Jacksonville Muni/ Imerson Apt Same Jacksonville/Imerson Apt Jacksonville Int'l Apt	LWBAS	31 Oct30 Apr 31 17 Nov41 17 May46 19 Jan71	Mar 31 17 Nov41 17 May46 19 Jan71 Nov 81	30 25 N Same Same Same 30 30 N	081 39 W Same Same Same 081 42 W	31 ft Same 31 ft 52 ft 29 ft	31 ft Same 39 ft 39 ft 29 ft	5-18 24 24 24 24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS: ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	Jan 48	Located on roof of Control tower	Anemometer	NA	54 ft	Airport & city office combined 17 May 56
	01 Feb50	Located on cab of Adm Bldg	Marvin 4 cup	NA	63 ft	
	03 Dec51	Located SE Carnes on roof of control tower	Elective speed indicator	NA	65 ft	Imerson Apt moved to Jacksonville Int'l Apt 19 Jan 71
	09 Oct61	(1) Located on field near Adm Bldg. (2) Located Cab Adm Bldg	F420C F102	NA NA	21 ft 63 ft	
	31 Dec66	Same				(Marvin 4 cup) commissioned Feb 1950

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

1 AD		INDEXER		CATALOGER	EDITOR	2 FLD		4													
		REVIEWER		REVIEWER	VERIFIER	GRP	2														
4 NTIS PRICE		12 PP				37 CLASS BY															
6 U-TITLE		14 OA-SERIES																			
7 C-TITLE		15 CONTRACT																			
8 I-CLASS		16 PROJECT																			
9 DESC. NOTE		17 TASK				38 DECLASS ON															
10 AUTHOR		18 M-ACRONYM																			
11 DATE		19 M-SERIES																			
RECLASS DATE		20 R-CLASS		U																	
22 DISTRIBUTION/AVAILABILITY STATEMENTS						39 CONF ON															
						21 SUPPLEMENTARY NOTE															
23 DESCRIPTORS														Frequency							
* Florida														Distribution							
Weather														Tables (DATA)							
Atmospheres														Dew point							
Precipitation														* Meteorological data							
Snow														* Meteorological phenomena							
Depth														Humidity							
Surfaces														Atmospheric precipitation							
Wind														Atmospheric temperature							
Ceiling														Air Force facilities							
Visibility														Military facilities							
Temperature																					
Mean																					
Wet bulb temperature																					
Barometric pressure																					
Sea level																					
Climate																					
Standard deviation														24 DESCRIPTOR CLASSIFICATION							
														U CRD C CFRD S SRD R SFRD							
25 IDENTIFIERS AND/OR OPEN-ENDED TERMS														Dry-bulb temperature versus wet-bulb temperature							
* Jacksonville IAP, Florida														Surface winds							
* Jacksonville, Florida														Percentage frequency of distribution table							
* Climatological data														Extreme surface winds							
* RUSSWO (Revised Uniform Summary of Surface Weather Observations)														Cumulative percentage frequency of distribution table							
Climatology														Extreme snow depth							
Snowfall														Psychrometric summary							
Ceiling versus visibility														Atmospheric pressure							
Daily temperature														Relative humidity							
Extreme temperature														26 IDENT. & O.E. TERMS CLASSIFICATION							
														U CRD C CFRD S SRD R SFRD							
27 ABSTRACT <input type="checkbox"/> DDC <input checked="" type="checkbox"/> AUTHOR <input type="checkbox"/> J. <input type="checkbox"/> NO A														28 ABSTRACT CLASSIFICATION						29 INVENTORY	
11 SEE BACK COPY FROM PAGE(S)														U CRD C CFRD S SRD R SFRD						0	
30 INDEX ANNOTATION (Must be unclassified)																					
31 SPEC CODE		32 RECLASS CODE		33 DISTRIBUTION/AVAILABILITY CODES		34 SERIAL NUMBER		35 SOURCE CODE		36 DOCUMENT LOCATION											
X Y		A B C D E F G H		DIST. 1 AVAIL/SPECIAL		F		400945		11 NTIS 12 DDC											



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FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# WEATHER CONDITIONS

1989 JACKSONVILLE FL 74-81 JAN  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	7.0		.3		7.3	10.9	1.7			21.1	744
	03-05		7.4				7.4	29.0	1.3			29.8	744
	06-08	.3	7.7				7.7	33.6	4.3			35.1	744
	09-11	.8	9.1				9.1	23.1	9.7			30.2	744
	12-14	.5	6.2				6.2	9.4	4.2			13.6	744
	15-17	.1	5.6		.1		5.8	7.3	4.0			10.6	744
	18-20		5.6		.3		5.9	9.1	4.3			12.6	744
	21-23		5.8		.3		6.0	14.7	1.7			16.1	744
TOTALS		.2	6.8		.1		6.9	18.3	3.9			21.1	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

1989

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		5.6			.1	5.9	16.2	1.9		.4	17.7	678
	03-05		6.3		.1		6.3	23.6	2.2		.4	25.5	678
	06-08	.9	10.8				10.8	31.3	5.0		.1	34.1	678
	09-11	.9	9.3		.1		9.3	18.3	10.2		.3	26.2	678
	12-14	.7	8.4				8.4	8.7	7.1			15.3	678
	15-17	1.0	8.7				9.7	7.8	5.2		.4	13.1	678
	18-20	.1	5.8				5.8	7.5	5.3		.4	12.4	678
	21-23	.1	4.1				4.1	10.2	3.1		.4	13.6	678
TOTALS		.5	7.4		.0	.0	7.4	15.5	5.0		.3	20.0	5424

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# WEATHER CONDITIONS

1989 JACKSONVILLE FL 74-81  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	00-02	.5	3.4				3.4	14.9	2.6			16.7	744
	03-05	1.5	4.6				4.6	23.3	2.4			24.3	744
	06-08	1.2	6.3				6.3	35.5	5.8			38.3	744
	09-11	1.2	7.3				7.3	11.7	10.8			21.8	744
	12-14	1.3	7.3		.4	.1	7.7	4.2	5.4			9.4	744
	15-17	.9	7.3		.1		7.4	5.1	7.0		.1	12.0	744
	18-20	.8	4.2		.1		4.3	5.4	7.5			12.1	744
	21-23	.7	3.2				3.2	7.3	3.9			9.8	744
TOTALS		1.0	5.5		.1	.0	5.5	13.4	5.7		.0	18.1	5952

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GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

1 89

JACKSONVILLE FL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02	.6	4.7				4.7	12.9	2.8			14.6	720
	03-05	.3	2.9				2.9	29.6	2.9			30.1	720
	06-08	1.4	3.9				3.9	35.8	7.1			41.0	720
	09-11	1.0	3.1				3.1	5.6	6.4			11.1	720
	12-14	1.3	3.3				3.3	1.9	2.8			4.3	720
	15-17	1.0	3.2				3.2	.6	4.2			4.7	720
	18-20	1.1	4.4				4.4	1.8	6.0			7.8	720
	21-23	.6	3.6				3.6	3.1	2.6			5.1	720
TOTALS		.9	3.6				3.6	11.4	4.4			14.8	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

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2  
1  
FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

17-89

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.9	2.7				2.7	22.0	5.0			25.3	744
	03-05	.7	3.5				3.5	36.6	4.6			38.8	744
	06-08	1.6	5.5				5.5	44.8	16.0			55.8	744
	09-11	.5	5.4				5.4	6.6	14.5			20.7	744
	12-14	2.2	6.2				6.2	2.6	10.6			13.2	744
	15-17	6.3	7.1				7.1	2.2	14.9			16.3	744
	18-20	6.2	7.3				7.3	4.6	16.4			20.2	742
	21-23	2.3	3.6				3.6	8.6	10.8			17.3	741
TOTALS		2.6	5.2				5.2	16.0	11.6			26.0	5947

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17 89      JACKSONVILLE FL      73-80      JUN  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.6	2.9				2.9	13.5	10.4			21.0	720
	03-05	.1	2.8				2.8	26.0	11.1			32.6	720
	06-08		3.1				3.1	31.5	21.3			46.8	720
	09-11	.8	3.5				3.5	3.1	14.3			16.8	720
	12-14	4.2	7.5				7.5	1.7	11.1			12.2	720
	15-17	11.9	9.2				9.2	1.9	11.4			13.3	720
	18-20	11.7	12.6				12.6	3.9	13.6			17.1	720
	21-23	2.6	7.4				7.4	4.9	12.4			16.1	720
TOTALS		4.0	6.1				6.1	10.8	13.2			22.0	5760

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# WEATHER CONDITIONS

17 89 JACKSONVILLE FL 73-80 JUL  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.5	1.6				1.6	8.2	9.5			15.5	744
	03-05	.1	1.3				1.3	17.3	10.6			23.9	744
	06-08	.3	2.0				2.0	28.4	24.2			45.7	744
	09-11	.9	3.1				3.1	1.9	18.8			20.4	744
	12-14	8.2	8.3				8.3	.8	15.3			16.1	744
	15-17	13.3	12.6				12.6	1.2	18.7			19.9	744
	18-20	8.1	10.6				10.6	2.6	19.1			21.2	744
	21-23	2.4	5.5				5.5	3.9	13.6			16.1	744
TOTALS		4.2	5.6				5.6	8.0	16.2			22.3	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# WEATHER CONDITIONS

17 89 JACKSONVILLE FL 73-80 AUG  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.5	2.0				2.0	12.1	8.7			18.1	744
	03-05	.1	1.2				1.2	23.3	8.7			27.8	744
	06-08	.7	1.7				1.7	39.8	14.1			46.5	744
	09-11	1.9	4.7				4.7	2.8	11.7			14.1	744
	12-14	7.3	7.5				7.5	.8	12.1			12.9	744
	15-17	12.8	10.9				10.9	.6	14.9			15.7	744
	18-20	8.7	9.7				9.7	1.5	14.5			16.0	744
	21-23	3.4	5.6				5.6	3.2	9.9			12.4	744
TOTALS		4.4	5.4				5.4	10.5	11.8			20.4	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

1989 JACKSONVILLE FL 73-80 SEP  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-01	.3	4.3				4.3	17.4	6.3			21.6	720
	03-05	.6	3.8				3.8	30.7	6.9			35.7	720
	06-08	1.4	4.2				4.2	45.7	11.3			51.8	720
	09-11	1.0	5.6				5.6	7.1	15.3			21.9	720
	12-14	5.6	11.4				11.4	3.1	13.5			16.1	720
	15-17	8.2	15.0				15.0	5.0	15.7			20.1	720
	18-20	6.8	12.9				12.9	6.5	15.6			21.7	720
	21-23	2.8	9.0				9.0	8.9	9.4			17.4	720
TOTALS		3.3	8.3				8.3	15.6	11.8			25.8	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1 89

JACKSONVILLE FL

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.3	3.4				3.4	22.4	4.3			25.7	744
	03-05	.1	2.0				2.0	31.6	3.5			34.5	744
	06-08	.1	3.1				3.1	36.6	9.4			44.0	744
	09-11	.3	3.0				3.0	7.5	15.5			22.6	744
	12-14	.9	5.2				5.2	2.8	8.6			11.2	744
	15-17	.7	6.2				6.2	3.9	7.1			10.6	744
	18-20	1.1	5.6				5.6	5.1	8.7			13.4	744
	21-23		2.7				2.7	10.5	7.8			17.3	744
TOTALS		.4	3.9				3.9	15.1	8.1			22.4	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1989 JACKSONVILLE FL 73-80 NOV  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	5.6				5.6	33.6	1.0			33.6	720
	03-05		5.6				5.6	36.9	.8			37.4	720
	06-08	.1	5.3				5.3	42.1	3.3			44.4	720
	09-11		2.9				2.9	15.7	10.7			24.6	720
	12-14	.1	4.0				4.0	4.2	6.4			9.9	720
	15-17	.6	6.1				6.1	5.6	5.7			10.8	720
	18-20	.6	5.6				5.6	11.7	5.0			15.8	720
	21-23		6.1				6.1	23.3	1.6			24.2	720
TOTALS		.2	5.2				5.2	21.6	4.3			25.1	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2  
SERIAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1 89 JACKSONVILLE FL 73-80 DEC  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	8.6				8.6	25.5	.9			26.1	744
	03-05		6.7				8.7	29.8	1.2			30.2	744
	06-08		7.5				7.5	33.1	2.0			34.4	744
	09-11		7.0				7.0	21.1	5.1			25.4	744
	12-14	.7	8.6				8.6	9.4	3.5		.3	12.9	744
	15-17	.1	9.7				9.7	9.1	5.9			14.4	744
	18-20	.5	7.8				7.8	10.8	3.6			14.0	744
	21-23	.5	10.2				10.2	17.1	2.2			19.1	744
TOTALS		.2	6.5				8.5	19.5	3.1		.0	22.1	5952

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

17 89 JACKSONVILLE FL 73-81 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	6.8		.1		6.9	18.3	3.9			21.1	5952
FEB		.5	7.4		.0	.0	7.4	15.5	5.0		.3	20.0	5424
MAR		1.0	5.5		.1	.0	5.5	13.4	5.7		.0	18.1	5952
APR		.9	3.6				3.6	11.4	4.4			14.8	5760
MAY		2.6	5.2				5.2	16.0	11.6			26.0	5947
JUN		4.0	6.1				6.1	10.8	13.2			22.0	5760
JUL		4.2	5.6				5.6	8.0	16.2			22.3	5952
AUG		4.4	5.4				5.4	10.5	11.8			20.4	5952
SEP		3.3	8.3				8.3	15.6	11.8			25.8	5760
OCT		.4	3.9				3.9	15.1	8.1			22.4	5952
NOV		.2	5.2				5.2	21.6	4.3			25.1	5760
DEC		.2	8.5				8.5	19.5	3.1		.0	22.1	5952
TOTALS		1.8	6.0		.0	.0	6.0	14.6	8.3		.0	21.7	70123

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $5/8$  mile.

LOCAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXX  
 XXXX**WEATHER CONDITIONS**XXXX  
 XXXXATMOSPHERIC PHENOMENAXXXX

89 JACKSONVILLE FL 43-31 ALL  
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.3	37.4	.2	.6		37.2	42.0	51.2			66.7	1047
FEB		3.3	39.3	.2	.7		39.4	47.0	45.2			59.5	961
MAR		5.5	37.6		.4	.1	37.6	43.0	42.1			56.2	1054
APR		11.3	32.0			.5	32.0	38.0	38.0			52.5	1020
MAY		21.5	39.8			.9	39.8	39.8	45.1			57.3	1053
JUN		34.4	32.7			.5	32.7	33.4	41.8			52.0	987
JUL		49.4	59.5			.2	59.5	24.9	31.7			45.7	1019
AUG		40.1	57.0			.2	57.0	38.5	40.6			52.9	1022
SEP		22.4	56.2				58.2	41.1	42.3			56.6	990
OCT		6.0	39.7				39.7	46.3	46.3			59.9	1023
NOV		2.1	33.0				32.9	50.8	43.0			51.6	990
DEC		7.0	37.8		.2		37.8	50.1	45.8			64.5	1023
TOTALS		17.2	43.7	.0	.2	.2	43.6	42.1	42.8			56.7	12187

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- \*1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- \*2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:
- |                             |       |  |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths)   |
| EXTREME DAILY SNOWFALL      | ".0"  | equals none for the month (tenths)       |
| EXTREME DAILY SNOW DEPTH    | "0"   | equals none for the month (whole inches) |
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

\* Values for means and standard deviations do not include measurements from incomplete months.



- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

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GLOBAL CLIMATOLOGY BRANCH  
 GCRF TAC  
 AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

1989

JACKSONVILLE FL

48-81

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	13.7	11.8	2.5	3.3	3.8	6.0	3.4	4.1	2.1	.2				25.2	1054	2.85	7.29	.06
FEB	11.6	11.1	2.4	3.5	3.9	5.9	3.9	4.9	3.4	.4				28.3	961	3.62	8.85	.52
MAR	12.6	11.9	2.0	4.0	3.1	5.4	3.6	3.9	2.8	.6	.1			25.5	1054	3.65	10.16	.71
APR	6.0	10.6	1.7	3.2	2.6	3.5	4.1	3.3	2.6	.4	.1			21.4	1020	3.12	11.61	.32
MAY	10.2	11.7	2.1	5.4	3.1	4.6	4.7	4.6	2.9	.5	.1			28.1	1054	4.07	10.43	.61
JUN	47.5	13.2	2.3	6.2	5.1	6.8	7.6	6.2	4.1	1.0	.1			39.3	990	5.60	12.90	2.19
JUL	40.7	12.8	3.5	6.8	4.2	9.6	9.1	7.2	5.5	.4	.1			46.5	1022	6.52	16.21	1.97
AUG	43.7	11.8	2.8	7.4	4.2	7.3	8.0	7.6	6.2	1.5	.1			45.2	1023	7.65	16.24	2.19
SEP	41.3	13.5	3.1	6.6	4.7	9.7	6.6	6.1	6.4	1.1	.3	.1		44.6	990	7.51	19.36	1.02
OCT	17.3	12.1	4.3	4.3	3.0	4.4	3.4	4.8	2.6	.5	.2			27.6	1023	3.96	13.44	.25
NOV	67.1	13.3	2.2	4.3	2.9	3.5	2.9	2.4	1.1	.1				19.6	990	1.67	4.56	TRACE
DEC	62.2	12.8	3.3	3.6	3.8	5.1	3.8	3.4	1.9	.1				25.0	1023	2.54	7.08	.04
ANNUAL	56.4	12.2	2.7	4.9	3.7	6.0	5.1	4.8	3.5	.6	.1	.0		31.4	12204	52.76		

CLIMATOLOGY BRANCH  
ETAC  
AT FATHER SERVICE/MAC

# EXTREME VALUES

## PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL  
STATION STATION NAME

48-21

YEARS

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1	1.0	.63	3.21	1.65	.70	1.84	1.22	1.27	2.49	2.60	.30	1.31	3.21
2	1.1	1.50	1.15	1.33	.56	1.17	2.55	3.2	10.13	.81	2.06	.85	10.13
3	.05	1.62	1.37	2.44	1.21	.93	2.18	1.45	6.78	5.75	.28	.45	6.78
4	.17	1.16	.85	.47	.72	1.23	1.45	.76	3.8	2.63	.80	.8	3.8
5	.64	2.29	1.32	1.09	2.16	1.60	1.00	3.10	1.38	.96	.58	.76	3.10
6	1.69	1.53	1.21	2.41	.33	.98	3.56	3.79	2.95	1.69	.77	1.76	3.79
7	.33	.49	1.02	.12	.25	1.11	2.25	1.61	3.04	4.30	1.23	.76	4.30
8	1.0	1.84	1.37	.74	1.99	.81	1.68	1.71	2.66	2.24	1.01	.1	2.66
9	1.2	.76	.57	1.18	1.18	1.82	1.52	2.23	.87	6.47	.26	.4	6.47
10	.17	.47	1.4	.56	1.82	3.42	2.14	1.34	1.93	1.75	.69	.53	3.42
11	.8	1.19	1.3	3.93	2.39	1.07	.69	2.62	1.67	2.00	1.31	.65	3.93
12	1.1	1.88	2.53	.75	3.97	1.12	.96	.68	2.20	1.16	.99	.46	3.97
13	.7	1.77	2.63	2.77	.52	1.95	3.66	1.58	4.12	.96	.07	.80	4.12
14	1.10	1.45	.75	1.32	1.04	1.43	.89	3.22	.35	.23	.45	.18	3.22
15	.1	.22	1.10	1.33	.65	4.15	1.52	3.38	.73	.48	.55	1.53	4.15
16	2.68	3.16	.94	1.0	.62	2.66	2.27	1.03	1.31	.58	.75	1.83	3.16
17	2.3	3.28	1.12	2.65	2.28	2.66	1.47	2.44	3.63	1.54	1.93	1.64	3.63
18	.2	1.38	1.26	.59	.42	2.49	1.05	2.11	5.26	1.10	.91	2.14	5.26
19	1.3	1.59	.42	.3	2.12	2.91	7.26	.97	1.19	1.03	.12	.76	7.26
20	1.0	1.20	.74	1.5	.50	2.77	1.07	3.15	1.05	.83	.16	1.55	3.15
21	.0	1.11	.70	.59	.89	5.92	1.33	7.82	1.53	1.26	.63	.28	7.82
22	.0	2.65	1.13	.22	2.18	3.31	1.51	2.72	2.28	2.84	2.75	1.14	3.31
23	1.57	4.93	7.12	.67	.93	1.23	2.20	2.26	1.09	1.61	TRACE	.65	7.12
24	.8	1.30	1.33	1.98	.61	1.29	1.06	2.52	1.73	2.15	.65	2.70	2.70
25	2.35	.90	1.83	.92	2.65	4.37	1.79	1.82	.82	2.47	1.45	.70	4.37
26	2.0	1.64	4.87	7.35	1.22	1.04	1.47	1.54	1.73	2.37	.22	1.5	7.35
27	.2	.59	1.70	.72	1.90	1.76	1.74	3.83	2.65	.28	.64	.71	3.83
28	.89	1.16	.9	2.80	5.40	.77	1.71	2.43	2.42	.93	.13	.59	5.40
29	1.00	.71	1.45	.34	3.79	1.72	1.72	2.13	3.85	.50	1.17	1.61	3.85
30	1.14	2.23	.63	.90	.71	.93	.65	2.17	1.46	.90	1.40	1.16	2.23
MEAN													
S. D.													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

(FROM DAILY OBSERVATIONS)

**YEARS**

NOTE \* (BASED ON LESS THAN FULL MONTHS)

FORM  
JUL 64

**0-88-5 (OL A)**

GLOBAL CLIMATOLOGY BRANCH  
ETAC  
WEATHER SERVICE/MAC

**EXTREME VALUES**  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL 42-81  
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	5.89	1.29	9.49	2.85	1.78	4.81	7.31	8.47	11.00	5.07	.73	4.62	63.31
	1.53	5.46	1.61	5.52	1.58	5.59	4.82	10.13	19.36	2.53	2.69	1.61	62.53
	.85	1.79	4.21	3.70	2.87	2.19	10.65	2.68	16.74	11.45	.68	1.90	58.94
	.52	1.71	2.28	1.23	1.46	3.86	6.69	2.19	10.11	5.53	2.28	2.73	41.59
3	.81	4.65	3.91	2.49	9.49	4.28	3.85	10.51	6.48	3.42	.64	1.27	51.79
4	3.68	2.47	2.21	9.67	.61	3.29	9.30	12.36	9.96	5.43	1.74	7.23	67.80
5	.35	1.74	1.47	.37	.73	3.26	5.71	4.06	8.73	6.23	1.68	2.00	36.83
5	3.09	2.46	1.66	1.50	4.51	2.70	5.53	3.85	12.56	5.36	1.90	.21	43.33
5	2.91	2.74	.81	2.33	3.98	7.87	8.25	5.24	2.89	13.44	.38	.74	51.19
5	.33	1.69	3.87	1.61	5.25	7.10	12.34	7.41	8.33	3.50	1.55	1.31	54.29
5	3.39	3.74	3.38	8.24	3.79	3.96	4.37	4.67	4.75	5.07	2.02	3.85	51.23
	4.15	5.22	9.75	2.65	9.20	2.94	4.51	2.86	5.67	3.12	2.24	.95	53.26
1	2.17	5.17	6.94	3.54	1.18	4.70	16.21	6.50	8.57	2.95	.11	1.51	59.45
	2.17	4.85	1.17	4.16	3.06	5.27	3.48	10.64	1.02	.27	.89	.47	38.15
	2.16	.52	3.17	2.36	1.12	8.22	6.31	10.07	4.37	1.13	2.08	2.46	43.90
	5.39	6.93	2.23	1.75	1.74	12.49	6.47	4.95	4.91	1.53	2.69	3.60	54.68
4	7.29	6.55	1.76	4.65	4.80	4.67	6.12	5.63	10.31	5.09	3.33	4.83	65.03
5	.55	5.50	3.91	.95	.94	9.79	2.71	9.58	11.02	1.75	1.92	3.75	52.47
6	4.56	5.97	.71	2.25	1.43	7.74	11.09	3.88	5.94	1.38	.21	1.14	55.30
6	3.05	4.35	.81	2.00	1.18	12.90	5.22	12.31	1.80	1.13	.24	4.69	49.68
6	.30	3.05	1.20	.99	2.17	12.25	6.84	16.24	2.68	5.09	1.30	1.04	53.72
6	.4	3.39	4.23	.34	3.78	5.12	5.89	15.10	10.33	9.81	4.56	3.87	67.26
	4.1	8.85	9.98	1.77	1.84	2.65	7.60	10.96	3.20	3.95	TRACE	1.57	56.55
	2.1	2.55	2.41	4.07	1.90	5.52	5.07	12.83	4.17	6.46	.83	5.27	53.69
7	5.77	3.48	4.43	2.98	8.26	6.75	3.15	9.76	2.60	4.46	4.22	1.43	57.29
7	4.64	5.07	10.18	11.61	5.33	4.10	5.45	7.49	7.86	4.08	.44	4.32	70.57
74	.28	1.28	3.47	1.53	4.14	5.53	9.83	11.23	8.13	.34	1.03	1.73	46.52
75	3.48	2.58	2.46	5.78	7.00	5.21	6.36	6.23	5.24	3.63	.39	1.79	50.15
76	2.29	1.15	3.41	.63	10.02	4.26	5.41	6.37	8.56	1.63	2.43	4.81	50.87
77	2.76	3.24	1.13	1.76	3.07	2.65	1.97	7.26	7.45	1.68	3.11	3.38	39.56
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

## \*\*\*\*\* EXTREME VALUES \*\*\*\*\*

### MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL  
STATION STATION NAME

48-81 \_\_\_\_\_ YEARS

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC      FORM JUL 64      0-88-5 (OL A)

2 GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

17889

JACKSONVILLE FL

48-81

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.4	.6													1054	TRACE	TRACE	.0
FEB	99.3	.7													961	TRACE	TRACE	.0
MAR	99.6	.4													1054	TRACE	TRACE	.0
APR	100.0														1020	.0	.0	.0
MAY	100.0														1054	.0	.0	.0
JUN	100.0														990	.0	.0	.0
JUL	100.0														1022	.0	.0	.0
AUG	100.0														1023	.0	.0	.0
SEP	100.0														990	.0	.0	.0
OCT	100.0														1023	.0	.0	.0
NOV	100.0														990	.0	.0	.0
DEC	99.8	.2													1023	TRACE	TRACE	.0
ANNUAL	99.9	.2													12204	.0	X	X

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL 48-81  
STATION STATION NAME YEARS

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
8	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
11	.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
12	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
15	.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
16	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
18	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
19	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
32	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
33	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
46	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S.D.													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)



**0-88-5 (OL A)**

GLOBAL CLIMATOLOGY BRANCH  
 ETAC  
 WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL 48-81  
 STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
5	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
8	.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
11	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
13	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
14	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
46	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S.D.													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A)  
 JUL 64

## \*\*\*\*\* EXTREME VALUES \*\*\*\*\* MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

42-81

**YEARS**

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC      FORM JUL 64      0-88-5 (OL A)

FORM  
JUL 64

2 GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

17689 JACKSONVILLE FL

48-81

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														1054			
FEB	100.0														961			
MAR	100.0														1054			
APR	100.0														1020			
MAY	100.0														1054			
JUN	100.0														990			
JUL	100.0														1022			
AUG	100.0														1023			
SEP	100.0														990			
OCT	100.0														1023			
NOV	100.0														990			
DEC	100.0														1023			
ANNUAL	100.0														12204		X	X

GLOBAL CLIMATOLOGY BRANCH  
ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL 48-61  
STATION STATION NAME YEARS

### DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1		0	0	0	0	0	0	0	0	0	0	0	0
2		0	0	0	0	0	0	0	0	0	0	0	0
3		0	0	0	0	0	0	0	0	0	0	0	0
4		0	0	0	0	0	0	0	0	0	0	0	0
5		0	0	0	0	0	0	0	0	0	0	0	0
6		0	0	0	0	0	0	0	0	0	0	0	0
7		0	0	0	0	0	0	0	0	0	0	0	0
8		0	0	0	0	0	0	0	0	0	0	0	0
9		0	0	0	0	0	0	0	0	0	0	0	0
10		0	0	0	0	0	0	0	0	0	0	0	0
11		0	0	0	0	0	0	0	0	0	0	0	0
12		0	0	0	0	0	0	0	0	0	0	0	0
13		0	0	0	0	0	0	0	0	0	0	0	0
14		0	0	0	0	0	0	0	0	0	0	0	0
15		0	0	0	0	0	0	0	0	0	0	0	0
16		0	0	0	0	0	0	0	0	0	0	0	0
17		0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S.D.													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM  
JUL 64

0-88-5 (OL A)



## PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

2

(FROM DAILY OBSERVATIONS)

70-81

STATION

STATION NAME

**YEARS**

## DAILY PEAK GUSTS IN KNOTS

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) JUL 64 (BASED ON LESS THAN FIVE MONTHS AND +100 KNOTS)



U.S. NAVAL CLIMATOLOGY BRANCH  
USAFETAC  
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 74-81 YEARS 1960-1969 DATE 1969-06-01  
CLASS ALL WEATHER HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.2	1.1	.3								8.1	5.2
NNE	.3	.9	.5	.5								2.8	6.7
NE	.7	1.1	1.9	.8	.1							4.8	8.1
ENE	.5	.2	.4									1.7	5.3
E	.1	.2	.3									1.0	5.3
ESE		.3	.1									.4	5.7
SE	.5	1.2	.4									2.7	4.7
SSE	.3	.5	.8									1.9	6.2
S	.2	2.4	2.4	1.5								7.1	7.8
SSW	.3	1.3	2.3	.5								4.4	7.8
SW	.1	1.2	1.9	.1	.4							3.8	8.8
WSW	.9	2.6	1.6	.3		.1	.1					2.7	6.8
W	2.2	3.5	2.3	.5		.1						8.3	6.1
WNW	2.0	3.6	3.0	1.2	.1							10.0	6.6
NW	1.7	4.6	2.6	1.2								10.1	6.3
NNW	.9	2.4	1.7	1.1	.1							8.3	7.3
VARBL													
CALM												21.9	
	13.5	32.7	23.0	8.1	.8	.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 742

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/440

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 39 JACKSONVILLE FL STATION NAME 74-81 YEARS 1945-1950  
 CLASS ALL WEATHER MONTH JAN  
 CONDITION HOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.9	1.9									9.5	5.2
NNE	.3	1.2	1.1	.8								3.4	7.9
NE	.3	1.6	.9	.5								3.4	7.2
ENE	.7	1.3	.5									2.5	4.9
E	.1	.3										.4	4.7
ESE	.3	.7	.1									1.1	5.3
SE	.7	.9	.3									1.9	4.6
SSE	.7	.8	.3									1.7	4.5
S	.4	3.2	2.2	1.6								7.4	7.5
SSW		2.7	2.0	.4								4.4	7.3
SW	.7	1.3	1.6	.8	.1							4.5	7.7
WSW	.5	1.5	.8		.1							3.5	6.3
W	1.5	4.4	1.1	.9	.1	.1						5.2	6.4
WNW	2.0	3.0	.7	1.2	.4	.1						3.3	6.9
NW	2.0	3.5	3.4	1.2	.1							11.2	6.8
NNW	.8	3.0	1.6	1.3								6.7	7.0
VARBL													
CALM												23.3	
	12.6	35.6	18.4	8.9	.9	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 744

AIRPORT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 89 JACKSONVILLE FL 74-81 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS 0600-2400  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.4	2.4	.7								12.0	5.6
NNE	.5	1.5	.7	.5								3.2	5.3
NE	.1	1.2	.5	.7								2.5	7.3
ENE	.1	.3	.1									.3	4.7
E	.5	.4	.3									1.2	5.1
ESE		.7		.1								.8	5.7
SE	.1	.5	.1	.4								1.2	7.7
SSE	.5	1.2	.7		.1							2.5	6.1
S	.7	2.7	2.2	.5								5.1	6.6
SSW	.4	1.2	1.7	.4		.1						3.9	7.7
SW	.5	2.3	1.2	.4								4.4	6.5
WSW	1.2	3.2	1.2	.5	.1							5.3	6.1
W	1.6	5.2	1.9	.5	.4							9.7	6.4
WNW	1.2	4.3	1.6	1.3	.1							5.6	6.7
NW	1.5	4.2	2.6	1.7								10.3	6.8
NNW	1.3	2.6	2.4	.3	.1							5.7	6.3
VARBL													
CALM												20.7	
	12.9	37.5	12.6	3.2	.9	.1						101.0	5.1

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH  
TAC  
FATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION B-7 STATION NAME JACKSONVILLE FL YEARS 74-81 MONTH JAN  
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.2	4.7	1.1	.3							11.4	7.2
NNE	.5	2.7	2.3	.3	.7							6.0	7.2
NE	.5	1.7	2.2	1.5	.1							6.0	8.3
ENE	.3	1.1	1.5	.5	.1							3.6	7.7
E	.1	1.1	.4									1.6	5.7
ESE	.4	.9	.1	.3	.1	.1						2.0	7.7
SE	.5	.5	.3		.1							1.0	6.1
SSE		.7	.3	.9	.1							2.0	11.1
S	.8	1.2	3.9	2.6								8.5	8.6
SSW	.1	1.1	2.7	1.3								5.2	8.8
SW	.5	2.4	1.5	.7		.1						5.2	7.2
WSW	.1	2.1	1.7	.9	.1	.3						5.2	6.9
W	.7	2.3	2.8	1.7	.4	.5						8.5	9.6
WNW	.4	1.9	2.7	3.8	.7							9.4	10.3
NW	1.5	1.7	3.1	3.2	.4							9.9	9.7
NNW	.1	3.1	3.1	1.2								7.5	7.6
VARBL													
CALM												6.2	
	5.1	28.6	33.2	21.0	2.8	1.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE/4AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1089 JACKSONVILLE FL 74-81 MONTH JAN  
 STATION NAME YEARS  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	2.8	.9								6.9	6.8
NNE		.7	1.5	.8								3.0	8.9
NE	.1	1.7	3.1	3.5	.5							9.0	10.2
ENE	.5	2.3	1.7	1.6	.4							6.3	8.9
E	.7	1.2	1.5	.5								3.9	6.8
ESE		.7	.5									1.2	6.2
SE	.4	.4	.7	.3								1.7	6.5
SSE	.4	1.1	1.1	.3								2.6	7.0
S	.5	1.1	2.8	4.8								9.3	9.9
SSW	.1	1.1	2.4	1.7								2.4	9.3
SW		1.3	3.1	2.0	.3							6.7	9.6
WSW	.7	1.2	2.3	1.5	.1	.4						6.2	9.7
W	.3	2.3	3.7	4.3	.7	.5						11.0	10.9
WNW		.7	2.8	6.6	1.1	.1						11.3	12.4
NW	.3	1.1	3.4	4.0	.8	.1						9.7	13.7
NNW	.1	.7	1.9	1.5								4.2	9.1
VARBL													
CALM												1.5	
	5.1	19.4	34.5	34.4	3.9	1.2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 12-74C  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 74-81 YEARS JAN  
 CLASS ALL WEATHER MONTHS 1530-1700  
 CONDITION NOVRS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.4	2.2	.3								5.1	6.4
NNE	.1	.7	1.5	1.1	.3							3.5	1.1
NE		.5	1.5	3.6	.5							6.2	11.7
ENE		1.2	4.6	1.3								7.1	8.2
E	.1	.7	4.7	.8								5.6	6.3
ESE	.7	.3	2.6	.3								3.4	4.0
SE	.1	.4	1.7	.5								2.8	8.6
SSE	.1	.5	.1	.7								1.5	8.7
S	.4	2.2	3.8	1.5								7.3	7.8
SSW	.1	.8	1.5	.4	.3							3.1	8.7
SW	.7	2.4	3.0	1.1	.1							7.3	7.6
WSW	.4	.9	2.3	1.7	.7							6.4	11.4
W	.4	.8	4.8	5.0	1.5							12.5	11.3
WNW	.5	.9	2.7	5.5	1.2	.3						11.2	11.9
NW		1.5	3.9	4.0	.8	.1						10.3	10.6
NNW	.1	1.7	2.0	.9								4.6	8.3
VARBL													
CALM												1.6	
	3.6	14.1	42.1	28.8	5.4	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH  
 AFCTAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 189 STATION NAME JACKSONVILLE FL YEARS 74-81 MONTH JAN  
 CLASS ALL WEATHER  
 CONDITION 1800-2000  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.5	1.7	.3								5.2	5.1
NNE	.1	1.5	1.7	.8								4.2	7.5
NE	.7	2.7	2.3	1.5								7.1	7.5
ENE	.5	4.3	1.9	.3								7.0	5.9
E	.7	5.7	1.7	.1								7.5	5.6
ESE	.7	3.0	.8									4.4	5.0
SE	.7	3.2	2.3	.4								7.3	5.9
SSE	.4	1.7	1.3									3.2	5.8
S	.3	1.7	.8	.5	.1							3.5	7.3
SSW	.3	1.9	.9	.3	.3							3.6	7.5
SW	.8	2.0	1.7	.1								4.7	5.9
WSW	.7	2.2	1.5	.7								5.0	6.8
W	.9	3.5	3.6	.8	.1							9.0	7.0
WNW	.5	1.3	3.5	2.7	.3							8.3	9.3
NW	.7	2.3	3.2	1.9	.1							8.7	8.2
NNW	.3	1.9	1.3	.1								3.6	6.5
VARBL													
CALM												5.6	
	3.6	42.9	30.5	12.5	.9							176.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 CLIMATE BRANCH  
 AFM 7-10.1  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME JACKSONVILLE YEARS 74-81 IAP 100-2300  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.2	1.9	.1								7.2	5.2
NNE	.7	1.1	1.2	.3								2.2	5.3
NE	1.2	1.5	1.7	1.3	.1							6.2	7.2
ENE	.7	1.3	.4	.1								2.3	5.2
E	.4	1.5										1.9	4.4
ESE	.7	.9	.1									.9	4.4
SE	1.2	2.9	.3	.1								4.4	4.6
SSE	.5	2.4	1.2	.7								4.3	6.6
S	1.1	2.7	1.9	.3								3.2	6.7
SSW	.4	1.5	1.1	.1								2.1	6.2
SW	.3	2.3	1.5									2.1	5.7
WSW	.1	3.7	1.3	.3	.1	.1						5.2	7.1
W	1.1	2.7	3.8	1.5								4.3	7.2
WNW	.8	3.5	1.7	2.3	.1							3.5	7.6
NW	.8	3.1	2.4	.8								7.1	6.7
NNW	.8	2.3	2.2	.5								5.6	6.4
VARBL													
CALM												19.4	
	12.6	36.3	22.7	8.5	.4	.1						130.0	5.2

TOTAL NUMBER OF OBSERVATIONS 744



U.S. AIR FORCE CLIMATOLOGY BRANCH  
AFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 89 JACKSONVILLE FL STATION NAME 74-81 YEARS JAN MONTH ALL HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.1	2.3	.5	.1							2.2	6.3
NNE	.4	1.3	1.3	.6	.1							2.7	7.5
NE	.5	1.5	1.8	1.7	.2							2.6	6.4
ENE	.4	1.4	1.4	.5	.1							4.0	7.2
E	.4	1.4	1.7	.2								2.9	6.3
ESE	.2	.3	.6	.1	.3	.3						1.3	6.3
SE	.7	1.3	.5	.2	.0							2.3	6.3
SSE	.4	1.1	.7	.3	.0							2.2	6.9
S	.6	2.1	2.5	1.7	.3							6.9	7.9
SSW	.3	1.4	1.8	.7	.1	.3						4.2	6.3
SW	.5	2.2	1.9	.7	.1	.3						5.2	7.4
WSW	.6	2.1	1.6	.7	.2	.1	.3					5.3	7.9
W	1.1	3.1	2.9	1.9	.4	.2						7.5	8.3
WNW	.9	2.5	2.3	3.1	.5	.1						9.4	9.2
NW	1.1	2.7	3.1	2.3	.3	.0						9.6	8.2
NNW	.5	2.2	2.0	.9	.3							5.7	7.2
VARBL													
CALM												12.6	
	2.4	31.4	23.7	15.9	2.7	.4	.7					100.3	6.7

TOTAL NUMBER OF OBSERVATIONS 6951

U.S. AIR FORCE  
CLIMATE BRANCH  
METEOROLOGICAL  
WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

99 STATION JACKSONVILLE FL STATION NAME 74-51 YEARS 1950-1951 MONTHS 0000-0000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.7	.3	.3								1.5	4.9
NNE	.1	.3	1.2	.9								3.1	5.4
NE	.6	1.3	.4	1.6	.3							4.2	4.3
ENE	1.2	.9	.6		.1							2.8	5.3
E		.4		.1								.6	7.0
ESE			.4									.4	7.3
SE	1.1	.9	.3									2.3	4.1
SSE	.4	1.2	.6									2.2	5.7
S	.7	3.4	2.5	1.5								3.1	7.4
SSW	.7	1.9	1.0									3.7	5.4
SW	.9	2.7	2.8	.3								6.6	6.5
WSW	.7	3.8	3.1	1.0								5.7	6.7
W	3.4	2.3	1.8	1.2								9.1	5.9
WNW	.2	2.4	1.6	1.2	.6							6.6	6.3
NW	2.2	4.3	1.9	.7								9.7	5.9
NNW	.7	2.2	1.7	.6								4.5	6.4
VARBL													
CALM												20.6	
	15.6	33.6	19.6	9.4	1.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 675

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION JACKSONVILLE FL YEARS 74-81 MONTHS ALL  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.1	1.6	.3								7.2	5.6
NNE	.7	1.3	1.9	.9	.3							4.6	9.1
NE	.7	1.2	.3	1.2	.1							3.4	5.1
ENE	.7	.6	.4									1.3	5.3
E		.4										.4	4.3
ESE	.1	.3	.9									1.3	6.9
SE	.4	1.3										1.5	4.3
SSE	.4	1.1	.3									1.3	5.1
S	.7	2.7	1.9	1.6	.1							7.1	7.6
SSW	.7	1.2	1.0	.1								3.1	5.3
SW	.3	1.2	2.4	.7								4.6	7.7
WSW	.9	2.9	2.1									5.8	5.3
W	1.3	3.9	1.6	.4								7.2	5.8
WNW	1.6	2.3	1.5	1.3	.3	.1						7.7	7.2
NW	1.9	2.9	1.9	1.9								5.7	7.2
NNW	1.1	3.5	2.2	.9								7.7	6.8
VARBL													
CALM												25.5	
	12.1	31.7	19.9	9.4	.9	.1						100.5	4.4

TOTAL NUMBER OF OBSERVATIONS 67

ALLEGATOLOGY BRANCH  
TAC  
FATHER SERVICE/INC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 55 JACKSONVILLE FL STATION NAME 74-81 YEARS 1960-1961 MONTH 06-09-1961  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.0	2.4	.4								3.3	3.8
NNE	.7	1.5	1.9	1.6	.3							4.0	2.9
NE	.4	.4	.4	1.0								2.4	3.1
ENE	.7		.4	.1								1.3	3.2
E	.1	1.1	.3									1.5	3.1
ESE	.1	.3	.3									.7	3.6
SE		.7	.1	.4								1.3	7.6
SSE	.1	.7	.1									1.0	5.1
S	.6	2.7	3.4	.9								1.5	7.6
SSW	.6	1.2	1.9	.6								4.3	7.2
SW	.3	2.2	2.1	.3								4.9	6.5
WSW	.7	3.8	2.2	.1								5.5	6.3
W	2.7	2.2	.6	.7								5.2	5.0
WNW	1.0	2.5	1.5	.4								5.5	6.1
NW	2.4	2.0	1.6	2.5	.3							5.8	7.7
NNW	.4	3.7	2.2	.9	.1							7.4	6.9
VARBL													
CALM												35.1	
	12.5	29.9	21.5	10.2	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 674

AL CLIMATOLOGY BRANCH  
TAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION JACKSONVILLE FL STATION NAME 74-81 YEARS FEB MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	4.1	2.5	1.0								1.7	7.2
NNE	.1	2.2	3.0	1.5	.1							7.4	8.1
NE	.1	2.4	2.5	3.2	.1							8.2	9.1
ENE	.1	1.7	1.8	.9								2.0	6.3
E	.1	.7	.7	.4								2.1	7.3
ESE	.1	.6	.9	.4	.3							2.4	6.9
SE	.4	.7	.3	.7		.1						2.4	8.4
SSE	.3	.6	.3	.3			.1					1.8	8.0
S	.3	2.2	3.5	2.2	.1							2.4	8.3
SSW	.1	.7	2.4	1.2								4.4	9.2
SW	.1	1.2	3.1	1.5	.1							6.1	8.7
WSW	.3	1.2	2.5	1.3		.1						6.1	8.1
W	.1	1.2	2.7	3.1	.1							7.2	9.6
WNW	.4	.7	1.5	2.7	.4							5.6	10.4
NW	.3	2.2	3.1	3.7	.3							7.6	9.8
NNW	.4	2.4	2.4	2.1								7.2	8.2
VARBL													
CALM												4.7	
	5.9	24.4	36.0	26.3	1.8	.3	.1					10.0	8.7

TOTAL NUMBER OF OBSERVATIONS 677

U.S. AIR FORCE  
 WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-81 STATION NAME JACKSONVILLE FL YEARS 1979-1980  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.3	2.1	.9								7.4	6.6
NNE	.1	.4	1.8	1.6	.4	.1						4.7	11.3
NE	.2	1.0	1.9	4.6	.3							8.2	10.3
ENE	.2	1.5	2.1	2.2								6.0	9.8
E		1.6	2.5	1.3								5.5	8.3
ESE	.1	.1	1.0	.9								2.2	9.5
SE	.2	1.0	.9	1.2								3.4	8.9
SSE		.4	.6	.7	.1	.1						2.1	11.3
S	.1	.6	2.2	3.4		.1						6.5	10.7
SSW	.1	1.0	1.3	1.5								4.5	9.4
SW	.2	1.5	2.4	4.4	.7							9.3	10.9
WSW	.2	1.5	3.1	3.7	.1							6.7	9.9
W		1.5	2.7	4.0	.1	.3						6.6	10.9
WNW	.3	1.0	2.7	3.2	.6							7.8	10.6
NW	.2	1.5	2.8	4.0	.9	.3						9.7	11.4
NNW		1.5	1.2	1.5								4.3	8.5
VARBL													
CALM												1.5	
	2.9	20.8	31.0	39.1	3.4	1.0						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 670

U.S. AIR FORCE  
 CLIMATOLOGY BRANCH  
 AF TAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 59 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS 1500-1700 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	2.1	.4								4.1	7.1
NNE	.1	.3	1.5	1.3	.4							3.7	10.7
NE	.4	.6	2.2	3.4	.6							7.2	11.0
ENE	.1	1.3	4.9	2.4								1.7	9.2
E	.2	1.3	4.6	2.4								3.6	9.1
ESE	.1	.1	2.8	2.4								1.5	9.8
SE		.2	1.3	1.9	.1							4.3	10.2
SSE			.4	.1	.1							.7	11.4
S	.3	1.3	1.6	.6	.1							4.0	7.9
SSW	.1	.7	1.6	1.9	.3							4.7	10.3
SW	.3	.7	1.6	4.1	1.2	.1						5.1	12.1
WSW		1.7	3.2	2.7	.9	.1						3.0	11.3
W	.1	.4	4.7	4.6	.7	.1						10.0	11.1
WNW		1.6	2.5	4.3	1.2							9.4	11.3
NW	.3	1.2	2.9	4.3	.9							7.6	11.2
NNW	.3	1.3	.5	.6								2.5	7.5
VARBL													
CALM												.9	
	2.9	14.7	37.9	37.3	6.5	.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 572

NATIONAL CLIMATOLOGY BRANCH  
TAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 STATION NAME JACKSONVILLE FL YEARS 74-81 MONTH 5/8  
CLASS ALL WEATHER 1800-2100  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	.9									3.7	5.6
NNE	.1	1.3	.9	.7								3.1	6.7
NE	.5	2.7	2.5	1.9	.9							6.6	9.2
ENE	.1	4.3	2.5	.7								7.4	6.3
E	.1	4.9	4.9									10.3	5.3
ESE	.4	3.5	2.5	.3								6.3	6.3
SE	.7	3.4	3.5	.7								6.4	6.2
SSE	.4	1.6	1.0	.7								3.3	6.9
S	.7	1.5	.6									2.4	5.3
SSW		2.2	1.0	.1								3.4	6.3
SW	.5	5.2	3.2	1.3		.7						10.3	7.5
WSW	.1	2.1	1.6	1.0	.4	.3						5.6	9.0
W	.4	2.7	2.2	.7								5.0	6.9
WNW	.1	2.1	1.8	1.8	.4	.1						6.3	9.3
NW	.3	2.4	2.7	1.2	.3							6.5	8.3
NNW	.1	1.7	1.8	.1								3.1	7.0
VARBL													
CALM												4.0	
	5.5	42.6	33.6	11.5	2.1	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 672



AL CLIMATOLOGY BRANCH

AFETAC

WEATHER SERVICE/MAR

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 67 STATION NAME JACKSONVILLE FL YEARS 74-81 MONTH FEB

CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	.6	.1								4.0	4.0
NNE	.7	.2	1.3	.4								3.4	6.2
NE	1.0	2.5	1.5	2.1	.4							7.5	8.8
ENE	.9	2.5	.3	.1	.1							4.0	5.3
E	.4	1.1	.3									1.8	4.3
ESE	.2	.4	.1									.9	4.7
SE	1.6	2.1	1.0									4.7	4.5
SSE	.7	1.3	.7	1.2								4.1	7.4
S	1.2	3.5	2.4	.4								7.5	6.2
SSW		1.9	.7	.1								2.9	6.5
SW	.1	3.4	3.7	1.2								8.4	7.6
WSW	1.2	2.4	4.0	1.3		.1						2.5	7.7
W	1.6	2.7	1.8	.9	.1	.1						7.2	6.7
WNW	.7	2.2	.9	.7	.3							4.9	6.9
NW	.7	4.3	1.2	1.5								7.7	6.6
NNW	.1	2.1	1.0	.4	.1	.1						4.0	7.7
VARBL													
CALM												18.1	
	12.8	35.3	21.5	10.6	1.2	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 671

AL CLIMATOLOGY BRANCH  
 DTIC  
 WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 74-81 YEARS 1958  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	1.9	.4								5.6	6.0
NNE	.4	1.1	1.7	1.1	.2	.0						4.5	6.8
NE	.6	1.5	1.5	2.4	.4							5.3	9.5
ENE	.5	1.5	1.6	.8	.5							4.4	7.6
E	.2	1.4	1.7	.5								3.8	7.4
ESE	.2	.7	1.1	.5	.0							2.5	7.9
SE	.6	1.3	.9	.6	.0	.0						3.5	7.0
SSE	.3	.9	.5	.4	.0	.0	.0					2.2	7.5
S	.5	2.2	2.3	1.3	.1	.0						6.4	7.9
SSW	.7	1.4	1.4	.7	.0							3.8	7.7
SW	.5	2.2	2.7	1.7	.3	.1						7.3	8.6
WSW	.5	2.4	2.7	1.4	.2	.1						7.4	8.1
W	1.2	2.2	2.2	2.0	.1	.1						7.7	8.0
WNW	.6	1.9	1.7	2.0	.5	.0						6.7	9.0
NW	1.1	2.3	2.3	2.5	.3	.0						8.9	8.6
NNW	.4	2.2	1.5	.9	.0	.0						2.1	7.3
VARBL													
CALM												12.7	
	5.8	29.0	27.6	19.2	2.2	.4	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5423

U.S. AIR FORCE  
 CLIMATE BRANCH  
 WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL 74-21 YEARS MAR  
 STATION NAME CLASS HOURS (L.S.T.)  
ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	.9									4.4	5.2
NNE	.5	.7	.1	.1								1.5	5.3
NE	.7	1.3	.7	.1								2.3	5.3
ENE	.4	1.5	.3									2.2	5.1
E	.3	.2		.1								1.2	5.2
ESE	.4	.7		.1								1.2	4.8
SE	.5	2.4	.3	.4								3.6	5.5
SSE	.7	1.3	1.5	.3								3.8	6.4
S	1.5	4.3	2.7	1.2								7.5	6.4
SSW	1.3	2.6	2.4	.1								6.5	5.9
SW	1.6	2.5	2.8	1.5								8.5	7.2
WSW	1.2	1.7	2.8	1.1	.1							7.2	7.2
W	1.5	3.4	.8	.4								6.5	5.4
WNW	1.1	2.5	.5	.3								4.4	5.1
NW	.8	2.7	1.6	.8	.1							6.2	6.5
NNW	.3	1.7	.9	1.3	.1							4.4	8.5
VARBL													
CALM												26.9	
	13.4	33.6	17.7	7.9	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE CENTER  
 AFMPC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 09 JACKSONVILLE FL STATION NAME 74-81 YEARS 4  
 CLASS ALL WEATHER NUMBER (L.S.V.) 1300-150  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	1.3									4.2	5.6
NNE	.1	.5	.3	.1								1.1	2.3
NE	.4	1.6	.4									2.4	4.9
ENE	1.1	2.2	.1									3.4	4.2
E	.4	.8	.1	.1								1.5	4.9
ESE	.1	.7	.1									.9	4.9
SE	1.5	1.3	.9	.1								4.2	5.2
SSE	.4	1.6	.9	.3								3.2	6.4
S	1.1	3.8	3.4	1.6								7.8	6.2
SSW	.5	1.9	1.5	.9								4.8	7.2
SW	1.3	2.2	2.6	.9								7.4	6.2
WSW	.5	2.8	1.9	.4								5.6	6.7
W	.5	3.5	1.1	.4								5.5	5.7
WNW	.9	3.7	1.1	.3								5.2	5.3
NW	1.1	2.7	1.5	1.2	.1							6.6	7.1
NNW	.7	3.3	1.9	.4								5.2	6.2
VARS													
CALM												28.4	
	11.8	33.7	19.1	6.9	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 744

FEDERAL CLIMATOLOGY BRANCH  
 FLTAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 74-81 YEARS MAC NORTH  
 CLASS ALL WEATHER  
 CONDITION 3600-2600 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.7	.1								4.5	5.8
NNE	.7	1.1	.7	.1								2.6	5.4
NE	.3	1.5	1.2	.4								3.4	6.2
ENE	.3	1.3	.9	.3								3.4	5.9
E	.6	.3	.1									1.2	3.9
ESE	.1		.3									.5	6.1
SE	.3	2.1	1.2									3.5	5.9
SSE	.5	.4	2.4									5.4	6.6
S	.5	2.4	3.0	1.3								7.3	7.6
SSW	.3	1.6	1.6	.9								4.4	7.5
SW	.4	2.4	2.2	1.2								6.6	7.2
WSW	.3	2.3	1.2	.7	.1							4.6	7.1
W	1.6	5.0	.9	.3								7.8	5.0
WNW	1.5	2.4	.9	.7		.1						5.6	6.4
NW	2.0	3.2	1.9	1.6	.1							8.9	6.8
NNW	.4	2.7	2.2	.8								6.0	7.3
VARBL													
CALM												25.4	
	12.1	31.2	22.4	8.5	.3	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
CLIMATOLOGY BRANCH  
AFAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 74-61 YEARS MAR  
ALL WEATHER CLASS 1960-1966  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	4.3	.3								7.3	6.7
NNE	.7	1.1	1.2	1.1								4.3	7.6
NE	.1	2.7	2.2	1.5								5.3	8.0
ENE	.1	.9	2.3	1.1	.5							5.3	9.5
E	.5	1.1	.9	1.5	.1							4.2	8.9
ESE	.5	1.2	.8	.9								3.2	7.9
SE	.5	1.7	2.3	1.2								5.5	7.8
SSE		.5	2.7	1.3	.3							4.8	9.3
S	.1	2.6	4.4	3.0	.4							1.5	9.5
SSW	.3	.9	2.4	1.9	.3	.3						6.3	10.3
SW	.5	2.3	3.0	2.4		.1						8.6	8.8
WSW	.3	1.3	1.5	2.7	.7	.1						5.9	10.6
W	.4	1.1	1.7	1.7	.8							5.8	10.2
WNW	.4	.7	1.5	1.1	.8	.3						4.7	11.1
NW	.7	1.7	1.9	3.8	.1							5.2	9.5
NNW	.3	1.6	2.6	2.0								6.5	8.6
VARBL													
CALM												4.3	
	6.0	23.3	35.1	26.7	4.0	.8						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFMTCAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1789 STATION NAME JACKSONVILLE FL YEARS 74-81 MAC MONTHS 1200-1400 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.5									3.1	6.6
NNE		1.0	.5	.9	.3							3.2	8.9
NE		.5	2.0	1.6	.4							4.0	10.2
ENE		.8	2.6	2.6	.3							6.2	10.5
E		.9	2.2	2.6	.1							5.8	9.9
ESE	.1	1.0	1.6	1.6								5.2	9.1
SE	.7	2.3	1.9	2.4	.1							7.1	6.9
SSE	.3	1.1	1.3	1.6	.3							4.6	9.4
S	.5	1.5	3.8	3.5		.1						9.4	9.7
SSW		1.2	2.3	2.0	.4							5.9	10.3
SW	.5	.9	3.6	3.4	.8	.4						9.6	11.4
WSW	.1	1.9	2.6	2.7	1.5							5.7	11.3
W	.3	.8	3.4	3.1	1.2	.3						9.3	11.6
WNW	.3	.8	2.2	3.0	1.1	.1						7.4	11.7
NW	.1	1.5	1.7	3.0	.4	.3						7.1	10.7
NNW	.4	.7	.8	1.1	.1							3.1	9.0
VARBL													
CALM												1.2	
	3.5	19.4	32.8	34.9	7.0	1.2						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFMPC  
 WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 74-81 YEARS 1950-1960 MAP NORTH  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.9	.1								1.6	7.3
NNE		.1	.5	.5								1.2	9.7
NE		1.1	1.7	1.7	.4							5.2	10.3
ENE		.9	2.7	3.0								6.6	10.0
E	.1	.4	4.3	4.6								9.4	10.0
ESE		.7	4.0	4.2	.3							9.1	10.5
SE	.1	.5	2.8	7.7	.7							11.8	11.6
SSE	.1	.3	2.3	1.1								4.3	8.6
S	.1	1.1	2.0	.9	.4							4.6	9.2
SSW	.1	.9	1.2	.7								2.8	8.4
SW	.1	.7	3.4	3.8	.9	.8						9.7	12.3
WSW		.5	2.0	3.2	1.2	.1						7.7	12.5
W	.1	.1	3.0	3.0	1.5	.3						7.9	12.6
WNW	.1	.7	2.8	3.9	.9	.3						8.7	12.2
NW	.1	.9	2.4	2.3	.4	.3						6.5	10.8
NNW	.1	.4	1.6	.5								2.7	8.2
VARBL													
CALM												.4	
	1.3	10.3	37.8	41.7	6.7	1.7						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 744



1  
FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 JACKSONVILLE FL 74-81 MAC MONTH  
STATION STATION NAME YEARS  
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	.5									1.7	5.3
NNE	.1	.3	.1	.1								.7	7.7
NE	.7	1.2	2.7	.7								4.3	7.7
ENE	.1	3.9	1.9	1.5								7.4	7.2
E	.3	3.2	3.4	.4								7.3	7.3
ESE	.1	4.4	5.5	1.1								11.2	7.3
SE	.0	4.4	7.7	4.8	.1							17.5	6.6
SSE	.1	1.6	3.5	.8								5.3	6.4
S	.1	2.7	1.1	.3								3.5	6.4
SSW	.1	.7	2.3	.7								3.2	8.0
SW	.4	1.5	3.1	2.7	.4							5.1	9.4
WSW	.4	.4	2.8	2.4	.4	.1						5.6	11.3
W		2.0	1.5	.7	.1							4.3	7.3
WNW	.4	2.3	1.9	1.1								5.6	7.5
NW	.5	2.2	1.3	1.6								5.6	7.3
NNW	.1	.9	1.1	.7								2.8	7.7
VARBL													
CALM												2.3	
	4.7	22.4	43.3	19.8	1.1	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 TAC  
 TACTICAL SERVICE 7-40

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22 JACKSONVILLE FL STATION NAME 74-51 YEARS 1960-1961 MONTH 100-2700  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	.4									4.6	4.7
NNE			.5	.3								1.8	7.2
NE	.1	1.7	1.3	.1								2.4	6.2
ENE	1.2	5.4	.5									2.1	4.2
E	1.1	2.3	.1									4.2	4.4
ESE		2.3	.5									3.5	4.3
SE	1.3	4.7	2.4	.7								2.4	5.4
SSE	1.7	1.7	3.7	.3								5.6	6.2
S	1.2	4.5	3.6	.8								10.2	6.5
SSW	.4	1.7	1.3	1.2								4.4	7.3
SW	.1	4.7	4.2	2.4								12.3	7.6
WSW	.4	1.2	2.2	1.5	.1							6.8	8.4
W	1.1	2.2	1.5	.4		.1						2.1	5.4
WNW	.3	.2	.7	.4								2.3	6.2
NW	.5	1.7	1.3	.9								4.7	7.4
NNW	.4	1.5	.7	.1	.1							2.2	6.4
VARBL													
CALM												15.2	
	11.4	32.5	24.3	9.1	.3	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 JACKSONVILLE FL 74-81  
STATION MONTH YEARS  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.1	1.4	.1								4.1	9.3
NNE	.3	.8	.5	.4	.3							2.3	7.3
NE	.2	1.4	1.5	.8	.1							4.0	7.9
ENE	.3	1.0	1.4	1.0	.1							4.0	7.6
E	.4	1.3	1.4	1.2	.3							4.3	8.1
ESE	.3	1.4	1.6	1.0	.3							4.4	8.1
SE	.3	2.4	2.4	2.2	.1							7.9	8.4
SSE	.5	1.2	2.2	.7	.1							4.6	7.6
S	.7	2.8	2.9	1.6	.1	.0						8.1	7.8
SSW	.4	1.4	1.9	1.1	.1	.0						4.9	8.3
SW	.7	2.1	3.0	2.3	.3	.2						8.5	8.9
WSW	.4	1.6	2.1	1.8	.5	.1						6.5	9.5
W	.7	2.2	1.7	1.3	.5	.1						6.5	8.4
WNW	.5	1.7	1.4	1.3	.4	.1						5.5	8.9
NW	.7	2.1	1.7	1.9	.2	.1						6.7	8.4
NNW	.3	1.6	1.5	.9	.1							4.3	7.7
VARBL													
CALM												10.0	
	3.0	27.2	28.7	19.4	2.5	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 605

U.S. AIR FORCE  
CLIMATE SERVICE  
CLIMATE SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-31 STATION NAME JACKSONVILLE FL YEARS 74-81 MONTH APR

CLASS ALL WEATHER

CONDITION 1000-0000  
(HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.4	.3								1.4	3.3
NNE	.3	.4										1.4	3.3
NE	.5	1.3	.4									1.9	3.8
ENE	1.2	.7	.1									2.1	3.7
E	.4	.7	.1	.1								1.4	5.3
ESE	.3	1.1	1.2	.1								2.5	6.3
SE	.4	1.5	.7									2.6	5.7
SSE	.3	2.1	1.2	.3								3.9	6.3
S	.4	6.0	3.2	.6								10.1	6.3
SSW	1.2	3.3	.4	.1								4.9	4.9
SW	1.2	4.2	1.7	.4								7.5	5.6
WSW	2.3	4.3	1.1	.3								5.2	5.3
W	2.2	5.4	.8	.1								5.6	4.6
WNW	1.2	2.2	1.2	.3								3.0	3.6
NW	.3	2.3	.4	.1								4.2	5.2
NNW	.7	1.4	.6	.1								2.4	5.3
VARBL													
CALM												31.7	
	14.7	36.2	13.5	2.9								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 72

1. AL CLIMATOLOGY BRANCH  
 2. STAC  
 3. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 74-81 YEARS APR  
 CLASS ALL WEATHER MONTH 0300-0600  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.1	.1									.1	4.2
NNE	.1	.1	.4	.1								.5	6.3
NE	1.1	.3	.4	.3								.1	5.7
ENE	.3	.3	.3									1.4	5.1
E	.4	.1	.1									1.4	4.5
ESE	.4	.6		.6								1.3	6.3
SE	.4	1.2			.1							1.8	5.9
SSE	.3	1.2	1.1	.1								1.8	6.5
S	1.1	4.6	2.4	.7								4.7	6.1
SSW	.7	3.1	1.0	.3								5.3	5.6
SW	1.2	4.2	1.1	.3								6.8	5.3
WSW	1.4	2.6	.4									4.4	4.6
W	2.1	3.9	.6									6.5	4.3
WNW	4.4	2.8	1.4	.1								3.7	4.7
NW	2.2	2.9	1.4	.3								6.3	5.2
NNW	.4	2.4	.8	.3								3.9	6.0
VARBL													
CALM												35.1	
	17.8	32.4	11.5	3.1	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFMPC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 59 JACKSONVILLE FL STATION NAME 74-81 YEARS APR  
ALL WEATHER MONTHS 1620-0600  
 CLASS MOON (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	1.5	.3								.1	5.5
NNE		.7	.4	.1								.3	7.7
NE	.5	1.3	1.0	.1								.2	5.9
ENE	1.7	1.4	.3									.3	4.3
E	.3	1.2	1.2									.2	5.7
ESE		.4	.4	.1	.1							.1	5.6
SE	.6	1.7	.6	.3								.4	6.4
SSE	.6	1.7	1.2									.5	5.2
S	1.2	3.9	3.2	.6								.6	6.6
SSW	.7	1.9	1.5	.3	.1							.6	6.7
SW	1.1	2.9	2.6	.6	.1							.4	6.6
WSW	.4	3.3	1.4									.1	5.7
W	1.4	3.9	1.7	.1								.1	5.4
WNW	.8	1.3	.7	.7								.4	6.4
NW	2.5	2.3	1.3	.1								.8	4.9
NNW	1.3	2.3	1.2	.6	.1							.7	6.0
VARBL													
CALM												.3	
	14.7	32.5	19.5	3.9	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 712

AL CLIMATOLOGY BRANCH  
 USAFETAC  
 ALL WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL 74-81 APR  
 STATION NAME YEARS MONTH  
ALL WEATHER  
 CLASS  
0000-1100  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	2.6	.4	.1							6.1	7.1
NNE	.1	1.4	1.8	1.1	.1							4.6	6.4
NE	.4	1.2	2.1	1.5	.3							6.5	7.1
ENE	.2	1.2	3.1	1.8								5.4	6.7
E	.1	1.0	2.2	1.4								4.7	9.4
ESE	.1	1.1	.3	1.7								3.7	9.3
SE	.7	1.1	2.9	3.3								5.1	9.4
SSE		1.1	1.2	.7								2.9	6.1
S	.3	1.9	5.7	5.0								12.2	9.5
SSW		.8	2.5	1.2								4.6	8.2
SW	.7	1.1	4.3	1.8	.1							8.1	8.8
WSW	.4	1.2	3.6	.7								5.7	7.9
W	.2	1.5	3.1	2.6	.4							7.9	9.8
WNW	.3	1.4	2.2	1.4								5.3	8.3
NW	.2	1.5	2.9	1.4	.3							6.9	9.5
NNW		1.1	1.2	.8								3.7	6.2
VARBL													
CALM												2.5	
	4.3	21.0	43.3	26.9	1.9							17.3	6.7

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFM 7-10.1  
 WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 49 JACKSONVILLE FL STATION NAME JACKSONVILLE FL YEARS 74-81 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.4	2.1	.7								3.6	7.1
NNE	.1	1.3	.7	.4								3.1	6.7
NE		1.3	1.4	2.6	.1							5.1	11.3
ENE	.1	.7	2.6	3.3	.3							7.1	10.2
E	.1	1.4	4.3	2.9								8.7	9.3
ESE	.1	.3	2.3	3.3	.1							7.2	10.3
SE		.3	3.2	4.0	.6							8.6	11.3
SSE		.3	1.2	1.8								3.3	10.6
S	.3	1.2	3.1	2.5								7.1	8.9
SSW	.1	1.1	1.8	1.9								5.0	9.4
SW		1.2	2.5	3.6	.4							7.8	10.9
WSW	.4	.3	1.9	2.9	.1							6.2	10.4
W	.1	1.1	3.1	2.2	.4	.1						7.1	10.4
WNW	.1	.7	1.9	3.3	.3	.1						5.5	11.4
NW	.3	.3	2.8	1.5		.3						5.7	9.4
NNW	.6	1.2	2.2	.7	.1							4.9	7.9
VARBL													
CALM												1.0	
	2.9	17.5	37.6	37.9	2.5	.6						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 726



CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1987 STATION JACKSONVILLE FL 74-81 YEARS APS MONTH 1502-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.4	.1	.1							1.1	2.7
NNE		.4	.7	.4								1.5	9.1
NE		.4	1.1	1.7	.1							2.3	11.0
ENE		.3	1.5	6.0	.1							7.9	11.9
E	.4	1.1	6.8	5.0	.1							13.5	10.0
ESE	.1	1.0	6.4	6.1								13.6	10.3
SE	.1	.7	4.2	5.8	.8							11.7	11.3
SSE	.1	.1	1.2	1.7								2.2	10.5
S	.1	1.4	1.9	1.2								4.7	8.7
SSW	.3	.3	1.5	.8								2.9	9.1
SW		.4	2.8	2.1	.7							6.9	11.3
WSW		.6	2.2	4.2	.3							7.2	11.1
W	.1	.3	2.8	2.8	.6							7.1	10.7
WNW		.3	2.1	2.9	.6							5.8	11.7
NW		.0	2.9	2.8	.1							4.5	10.2
NNW		.7	.7	1.0								2.4	9.4
VARBL													
CALM												.6	
	1.4	9.7	39.2	45.6	3.6							100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFM 7-1 TAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 59 JACKSONVILLE FL STATION NAME 74-81 YEARS APR  
ALL WEATHER NORTH  
 CLASS 1930-1939  
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.1	.7									.7	6.1
NNE		.3	.3	.4								1.0	7.2
NE		1.0	1.4	.8								2.2	9.7
ENE	.3	2.1	3.5	1.5								7.4	8.3
E	.1	5.1	4.7	1.7								11.7	7.4
ESE	.3	4.3	7.2	1.4								13.2	7.4
SE	.7	5.1	8.7	3.7								18.3	6.5
SSE		2.2	2.5	.6	.1							6.4	7.7
S	.3	1.1	1.2	.1								.8	6.8
SSW	.3	1.7	1.1	.1								.9	6.7
SW	.7	3.3	3.3	2.4	.1							7.4	8.2
WSW	.1	1.5	2.4	1.2								.3	8.2
W	.1	2.4	1.9	.6								5.4	7.1
WNW	.3	2.2	2.5	.3								5.3	6.5
NW	.3	1.2	1.7	.8								4.3	7.3
NNW		.8	.6									1.4	5.9
VARBL													
CALM												2.1	
	3.3	35.3	43.3	15.7	.3							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10089 JACKSONVILLE FL STATION NAME 74-81 YEARS APR  
MONTH NOV  
CLASS ALL WEATHER  
NUMBER (L.O.V.) 1000-2325  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	.7									2.1	5.6
NNE	.4	.7	.3	.1								1.5	6.1
NE	1.0	1.4	.6	.1								3.5	4.9
ENE	2.1	3.2	.6									5.9	4.5
E	1.0	2.5	.8	.4								4.7	5.5
ESE	1.2	2.1	.8									4.2	4.8
SE	1.9	3.6	1.9	.1								7.6	5.5
SSE	1.2	5.4	3.2	.4								16.3	6.3
S	1.9	5.3	1.9	.3								9.9	5.4
SSW	.3	1.1	1.5	.4								2.3	7.3
SW	.7	3.3	3.2	.3								7.5	6.3
WSW	.4	2.5	2.8	.7								6.4	7.1
W	1.5	3.6	1.7	.1								6.2	5.1
WNW	.6	1.8	.1	.7								3.2	6.5
NW	.7	1.9	.7	.6								3.7	6.3
NNW	.1	.9	.3									1.2	5.6
VARBL													
CALM												19.7	
	15.3	41.2	20.4	4.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 721

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFSTAC  
 AIRCRAFT SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

85 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS 495 MONTHS  
 ALL WEATHER CLASS ALL HOURS (L.S.T.)  
 CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.5	.2	.3							3.3	6.3
NNE	.2	.7	.6	.3	.3							1.9	7.3
NE	.5	1.2	1.2	.9	.1							3.2	6.3
ENE	.7	1.3	1.5	1.6	.1							5.2	5.1
E	.4	1.7	2.5	1.4	.3							8.2	8.6
ESE	.3	1.4	2.4	1.7	.3							5.9	5.5
SE	.6	1.9	2.8	2.2	.2							7.6	5.7
SSE	.3	1.3	1.6	.7	.3							4.4	7.4
S	.7	3.2	2.7	1.4								5.5	7.3
SSW	.4	1.6	1.4	.7	.3							4.1	7.3
SW	.7	2.6	2.7	1.5	.2							7.7	7.4
WSW	.7	2.3	2.3	1.3	.1							8.1	7.6
W	1.3	2.9	1.9	1.1	.2	.5						7.5	7.2
WNW	1.3	1.6	1.5	1.2	.1	.5						5.5	7.7
NW	.9	1.9	1.7	1.3	.1	.5						5.6	7.3
NNW	.3	1.4	1.3	.4	.3							3.2	7.5
VARBL													
CALM												14.9	
	2.3	28.5	28.5	17.5	1.1	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5756

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFSC/TAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1984 JACKSONVILLE FL 74-81 MAY  
 STATION STATION NAME YEARS NORTH  
 ALL WEATHER  
 CLASS  
 0000-0200  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	.5									2.8	4.6
NNE	.5	.3	.1									1.6	4.2
NE	.4	.5										1.3	4.1
ENE	.7	1.1	.3									2.0	4.3
E	.3	.3	.5									1.2	5.1
ESE	.9	.7	.3									1.9	4.7
SE	.2	2.3	.3									3.3	4.2
SSE	1.5	2.2	1.6	.5								5.8	6.3
S	1.7	8.1	1.1	.1								11.2	5.1
SSW	.7	3.4	.7									4.7	5.1
SW	1.5	4.2	1.2	.4								7.4	5.2
WSW	1.2	4.4	1.5	.3								7.4	5.6
W	1.7	3.4	1.2	.1								6.5	4.6
WNW	1.5	1.2	.1									2.8	4.5
NW	1.1	.7	.1									1.9	3.6
NNW	.9	1.6	.3									2.8	4.2
VARBL													
CALM												34.4	
	17.3	37.0	9.8	1.5								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH  
 FTAC  
 WEATHER SERVICE/FAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 199 JACKSONVILLE FL STATION NAME 74-81 YEARS MAY  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	.9									5.1	4.2
NNE	.5	.4	.5									1.5	5.2
NE	.1	.9										1.1	4.7
ENE	.7	.5	.3									1.5	4.1
E	.4	.3	.1									1.5	4.8
ESE	.5	.4										.9	4.1
SE	1.1	1.7	.1	.1								3.1	4.5
SSE	1.1	.9	.5	.1								2.7	5.2
S	1.3	4.4	1.1	.3	.1							7.3	5.4
SSW	.9	2.7	.3									3.9	4.2
SW	1.3	3.6	.9									5.5	4.3
WSW	.7	3.9	.9									5.5	4.9
W	3.2	4.7	.5									3.5	4.1
WNW	1.7	1.6	.3									2.6	4.2
NW	1.3	1.6		.1								3.1	4.3
NNW	.3	1.5	.1									1.9	4.2
VARBL													
CALM												4.0	
	16.9	32.5	6.7	.7	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 74

U.S. AIR FORCE  
AFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

39 STATION JACKSONVILLE FL STATION NAME 74-P1 YEARS MAY MONTH  
ALL WEATHER CLASS 0630-0830 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.6	.6	.3								1.4	5.0
NNE	.3	.4	.5									1.7	5.1
NE	.7	1.2	.8									1.3	5.2
ENE	.2	1.7	.3	.3								1.2	5.3
E	.5	.5	.9	.1								1.2	5.1
ESE	.3	.2	.1									1.3	5.2
SE	.5	2.3	.4	.1	.1							3.6	5.5
SSE	.9	1.2	.9	.3								3.4	6.7
S	.7	4.3	1.7	.3								7.3	5.3
SSW	.7	2.3	1.3	.1								2.0	5.8
SW	.5	3.2	2.0									2.8	5.7
WSW	1.2	3.4	1.7	.1	.1							4.5	5.7
W	2.3	4.7	2.2									1.1	5.0
WNW	1.9	1.9	1.2		.1							1.1	5.1
NW	1.5	2.4	1.1									2.0	5.1
NNW	.7	.5	.9									2.4	5.4
VARBL													
CALM													
	16.3	35.6	17.1	1.6	.4							10.0	3.8

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR CLIMATOLOGY BRANCH  
AFAC  
U.S. AIR FORCE SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CV JACKSONVILLE FL STATION NAME 74-81 YEARS MAY  
CLASS ALL WEATHER MONTH MAY  
CONDITION 1970-1971  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	1.7	.4								4.4	6.6
NNE	.3	.3	1.7									2.3	7.5
NE	.1	1.3	1.3	1.2	.1							4.7	7.1
ENE	.1	1.3	3.1	2.6								7.1	9.1
E	.5	2.2	3.9	.8								7.3	7.6
ESE	.7	1.5	1.7	.7								4.6	6.5
SE	.4	1.3	1.9	.8								3.2	7.3
SSE	.4	1.5	2.7	.1	.3							3.2	7.5
S	.4	3.6	4.7	1.1								4.8	7.5
SSW	.3	3.2	1.7	1.3	.1							3.7	7.5
SW	.1	3.5	2.4	1.2								7.7	6.5
WSW	.1	2.3	3.6	1.1								7.1	7.5
W	.4	2.3	4.4	2.3								2.4	6.5
WNW	.5	2.7	2.4	.4								2.4	6.5
NW	.9	2.3	2.3	.8								6.2	6.5
NNW	.1	1.3	1.1	.1								3.2	6.6
VARBL													
CALM												5.1	
	6.7	34.0	40.7	14.9	.5							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 741



U.S. AIR FORCE  
CLIMATE BRANCH  
USAFETAC  
U.S. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 69 JACKSONVILLE FL STATION NAME 74-81 YEARS MAY  
CLASS ALL WEATHER MONTHS 1200-1400  
CONDITION NOVRS (L.S.V.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	1.7	.4								2.3	6.3
NNE	.3	.9	.7	.3								2.2	6.4
NE		1.0	1.6	1.5	.3							3.2	9.0
ENE		1.0	3.6	4.0	.1							3.4	9.9
E	.7	1.3	5.6	4.0								11.3	9.4
ESE	.1	2.3	4.0	.9								7.1	8.1
SE	.1	2.0	2.0	2.8	.1							7.9	9.1
SSE	.3	.8	1.5	.0								2.1	7.3
S	.3	2.7	3.2	1.6								7.8	7.6
SSW	.3	2.3	2.6	1.1	.1							6.3	7.8
SW	.3	2.7	2.3	1.9								7.1	8.2
WSW	.1	1.3	3.0	1.9	.3							6.6	9.5
W		2.2	2.7	2.8	.1							7.3	9.2
WNW	.3	1.2	2.7	1.1								5.2	8.4
NW	.1	1.3	1.7	1.3								4.0	8.4
NNW	.4	1.0	.9	.4								3.6	6.1
VARBL													
CALM												1.2	
	3.1	27.3	40.7	26.6	1.1							102.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 39 JACKSONVILLE FL STATION NAME 74-21 YEARS MAY  
 CLASS ALL WEATHER MONTH 1500-1700  
 CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	.5			.1						2.3	6.6
NNE		.5	.7	.3								1.5	7.8
NE		.1	1.3	1.7								3.2	10.5
NNE	.7	.7	2.0	3.6	.5							7.1	10.9
E		1.5	7.7	7.3								16.4	10.2
ESE	.3	1.1	7.9	6.0	.1							15.5	9.7
SE	.1	1.6	8.2	5.8	.1							15.9	9.9
SSE	.1	.4	1.7	.9	.1							3.4	9.7
S		2.4	1.6	1.1		.1						5.2	6.1
SSW	.1	.7	.9	.1	.3							2.2	8.4
SW	.5	.9	2.0	1.5	.5							5.5	9.4
WSW	.3	.3	2.7	1.2	.7							5.8	9.9
W		1.2	3.1	2.3	.1							6.7	9.5
WNW		.9	1.3	1.1	.1							3.5	9.7
NW	.5	.4	1.7	.3								3.0	7.3
NNW	.1	.4	.8	.3		.1						1.7	8.8
VARBL													
CALM												1.2	
	2.8	15.1	44.4	33.5	2.7	.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 744

1. NATIONAL CLIMATOLOGY BRANCH  
2. METAC  
3. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. 59 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS MAY MONTH  
ALL WEATHER CLASS 1800-0000 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	.8	.4								1.0	6.4
NNE		.4	.3	.1								.8	7.3
NE	.1	1.5	.9	.1								2.7	6.5
ENE	.1	2.4	3.5	1.6	.1							7.3	6.2
E	.4	5.7	5.9	1.1								13.1	7.1
ESE	.3	5.1	7.7	1.1								14.2	7.3
SE	.8	8.1	7.8	2.4	.1							21.3	7.4
SSE	.1	2.2	2.3	1.2								5.8	7.9
S	.4	4.0	1.9	.5								6.9	6.5
SSW	.1	.7	.7	.1								1.9	6.4
SW		3.7	.8	.9	.4							5.1	7.9
WSW	.5	1.6	1.6	.9	.1							4.9	8.0
W	.4	2.3	1.9	.7								5.0	7.1
WNW		2.1	.7	.1	.1							3.0	6.7
NW	.5	.9	.4	.4								2.3	6.7
NNW	.1	.3	.3									.7	5.6
VARBL													
CALM												1.3	
	4.3	41.6	39.5	11.9	.9							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 742

AL CLIMATOLOGY BRANCH  
 AFSTAC  
 CATEGORY SF-VIC/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 69 JACKSONVILLE FL STATION NAME 74-81 YEARS MAY  
 CLASS ALL WEATHER MONTH MAY  
 CONDITION 2100-2300  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.1	.7									2.8	4.7
NNE	.1	.4	.3	.1								.9	5.3
NE	.7	2.3										3.0	4.4
ENE	.7	4.3	.4	.1								5.5	5.1
E	1.5	2.3	.4									4.7	4.5
ESE	.7	3.5	.4									4.7	4.7
SE	1.6	7.6	1.2	.1								12.5	4.9
SSE	.9	7.3	2.6	.4								11.2	5.7
S	1.6	7.2	3.0	.3								12.3	5.6
SSW	.5	1.2	1.2									3.6	5.9
SW	.5	2.3	2.4	.3								5.1	6.5
WSW	.7	2.6	1.3	.7								.3	6.6
W	.3	2.7	.1	.1								3.9	4.1
WNW	.7	.3	.4	.1								2.2	5.3
NW	.7	1.1	.7									2.4	5.3
NNW	.1	.4	.5									1.1	6.4
VARBL													
CALM												19.9	
	12.3	50.3	15.2	2.3								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 741

AL CLIMATOLOGY BRANCH  
 STATION  
 FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 69 JACKSONVILLE FL STATION NAME YEARS 74-81  
 ALL WEATHER CLASS  
 CONDITION  
 MAY NORTH  
 ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	.9	.2		.0						3.4	5.6
NNE	.3	.5	.6	.1								1.5	6.1
NE	.3	1.4	.8	.6	.1							2.1	7.1
ENE	.4	1.7	1.7	1.5	.1							2.5	6.3
E	.6	2.3	3.1	1.7								7.3	6.1
ESE	.5	1.9	2.8	1.1	.0							5.3	7.6
SE	.7	3.4	3.1	1.5	.1							6.9	7.4
SSE	.7	2.1	1.7	.5	.1							5.2	6.7
S	.8	4.5	2.3	.7	.0	.0						6.4	6.3
SSW	.5	2.2	1.2	.4	.1							4.3	6.5
SW	.7	3.3	1.8	.8	.1							6.3	6.8
WSW	.6	2.6	2.1	.8	.2							5.1	7.2
W	1.1	2.9	2.0	1.0	.0							7.1	6.7
WNW	.2	1.5	1.1	.4	.1							3.5	6.5
NW	.8	1.4	1.0	.4								2.6	6.1
NNW	.4	1.1	.6	.1		.0						2.2	5.9
VARBL													
CALM												16.7	
	10.0	34.2	26.8	11.6	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 5947

U.S. AIR CLIMATOLOGY BRANCH  
 AFSTAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

11-69 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS MONTH 11  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.4	.1	.1							3.2	5.3
NNE	.5	.6	.4	.4								1.9	6.3
NE	.7	1.7	1.1	.1								3.6	5.9
ENE	1.2	.9	.4	.4								2.9	5.8
E	.4	1.1	.1									1.7	4.3
ESE	.7	.1	.1									1.0	3.6
SE	.7	1.2	.6	.1								2.6	5.1
SSE	.6	1.4	.3	.1								2.4	5.2
S	2.5	7.2	1.0	.3								11.0	4.7
SSW	1.7	4.9	.8									7.4	4.6
SW	2.2	4.7	1.7	.1								8.7	4.9
WSW	1.1	3.3	1.9	.3								6.7	5.7
W	1.1	3.3	.6									5.0	4.7
WNW	1.2	1.7										2.9	3.3
NW	1.9	1.4										3.3	3.6
NNW	1.4	.8	.6									2.8	4.3
VARBL													
CALM												32.9	
	12.3	35.6	10.0	2.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1989 JACKSONVILLE FL 73-80  
STATION MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.4	1.3	.1								4.3	4.4
NNE		.2	.5	.1								1.5	6.3
NE	1.2	.5	.7	.4								3.2	5.9
ENE	.7	.9	.6									1.1	4.7
E	.6		.1									.7	3.8
ESE	.3	.1										.4	4.3
SE	.4	.7	.1									1.2	4.5
SSE	.4	1.7	.3									1.7	4.8
S	1.5	3.7	.6									5.3	4.7
SSW	1.7	3.3	.1									5.4	4.2
SW	1.7	7.6	.6									9.9	4.5
WSW	2.4	3.3	1.5									7.2	4.9
W	2.6	3.5	.4									6.5	4.1
WNW	1.3	2.1										3.9	3.9
NW	2.2	1.4	.3									3.9	4.3
NNW	.8	1.4	.4									2.4	4.5
VARBL													
CALM												39.3	
	20.7	32.1	7.2	.7								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 72

U. S. AIR FORCE  
 USAFETAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1189 JACKSONVILLE FL STATION NAME 73-80 YEARS JUN 6000  
 CLASS ALL WEATHER HOURS (L.S.T.) 633-0800  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.7	1.2	.1								7.9	4.6
NNE	.4	1.1	.6	.1								2.2	6.1
NE	.6	1.1	.6	1.2								3.5	8.2
ENE	.3	2.2	.6	.1								3.2	5.6
E	.7	.3	.8									1.8	5.6
ESE	.4	.1	.3	.1								1.0	6.2
SE	.3	.7	.4									1.9	4.6
SSE	.3	.7	.1									1.7	4.1
S	1.2	2.4	1.2									5.6	4.9
SSW	.3	3.1	1.4									5.3	5.1
SW	1.7	4.3	2.1									6.1	5.3
WSW	1.8	4.7	2.8	.3								9.6	5.6
W	2.6	5.4	3.2	.3								11.5	5.5
WNW	.6	2.9	1.2	.1								5.0	5.3
NW	1.5	1.8	1.2									4.6	5.0
NNW	1.4	1.4	.6									3.3	4.4
VARBL													
CALM												23.9	
	12.4	35.3	18.3	2.5								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

89 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS MONTH JULY  
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	1.1	.1								4.3	5.6
NNE	.1	1.5	1.4	1.1								4.2	7.9
NE	.1	2.4	1.4	1.2								5.1	7.8
ENE	.7	2.2	2.6	1.8	.1							7.5	8.1
E	.6	1.7	2.6	1.8								6.7	8.4
ESE	.6	2.2	1.5	.6								4.9	6.5
SE	.4	1.7	2.1	.1								4.3	6.4
SSE	.1	.3	.8	.1								1.2	6.6
S		2.8	1.7									4.4	6.1
SSW	.8	1.7	2.2	.4								5.1	6.8
SW	.7	4.3	4.2	.1								9.3	6.7
WSW	.4	2.9	4.6	1.1								9.0	7.5
W	.7	4.4	4.0	1.9								11.1	7.4
WNW	.1	2.9	4.2	.8								5.1	7.6
NW	.3	2.8	3.5	.4								6.9	6.3
NNW	.4	1.1	1.1									2.6	5.7
VARBL													
CALM												4.4	
	6.2	37.6	39.0	11.8	.1							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE  
 CLIMATE BRANCH  
 AFMPC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS JUN MONTH 1200-1400  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	.1									.3	5.7
NNE	.1	.6	1.9	1.1								1.7	8.8
NE		.7	1.4	2.5								4.2	10.6
ENE	.7	1.4	3.6	4.0	.3							9.6	10.2
E	.3	1.2	6.5	4.7	.1							13.6	9.6
ESE	.3	1.4	1.9	2.1								5.7	8.9
SE	.7	1.3	1.8	1.2								5.1	8.0
SSE	.4	1.2	1.1	.1								2.9	6.4
S	.7	2.4	2.6	.8								6.5	7.0
SSW	.7	2.4	1.8	.1								4.6	6.6
SW	.3	2.5	3.2	.7								6.7	7.4
WSW	.3	1.9	2.9	1.4								6.9	8.3
W	.4	2.6	3.2	2.4								8.1	8.4
WNW	.6	2.4	4.3	1.2								8.5	7.6
NW	.1	2.2	2.9	.3								5.6	7.2
NNW	.1	1.4	1.7	.3								3.5	7.1
VARBL													
CALM												1.9	
	4.9	28.6	41.1	23.1	.4							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

CLIMATE CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS MONTH JUN  
 CLASS ALL WEATHER 1500-1700  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	1.0	.4								3.1	7.3
NNE		.4	.6	1.1	.1							2.2	10.3
NE		.2	1.1	2.4								4.3	10.7
ENE	.1	1.1	3.6	4.2	.7							7.7	11.0
E	.1	.7	3.6	6.9	.4							16.3	10.3
ESE	.1	1.4	3.1	4.6								14.2	9.5
SE	.1	1.5	5.1	3.1	.1							10.0	9.4
SSE		.7	1.9	1.7								4.3	9.6
S	.1	2.4	2.5	.3								5.3	6.2
SSW		.7	1.7	.1								2.5	6.0
SW	.1	2.2	2.5	1.1	.3							6.2	6.3
WSW	.1	1.5	1.4	1.4		.1						4.6	9.1
W	.1	1.5	3.3	1.4								6.4	8.5
WNW	.4	.6	1.4	.4								2.3	7.9
NW	.6	1.2	1.2	.7								3.7	7.2
NNW		.5	1.1									1.9	6.9
VARBL													
CALM												1.9	
	2.4	19.0	45.1	29.7	1.7	.1						10.0	9.1

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1789 JACKSONVILLE FL STATION NAME JACKSONVILLE FL YEARS 73-80 MONTH JUN  
 CLASS ALL WEATHER 1980-2000  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	.7	.8	.3								2.4	6.4
NNE	.7	.6	.8	.7								2.4	6.4
NE	.1	1.1	1.7	1.8								4.5	9.2
ENE	.7	3.2	2.6	2.1								8.2	6.0
E	.3	4.3	7.5	2.1								13.9	6.0
ESE	.7	4.6	6.4	1.5								13.2	7.4
SE	.6	5.8	7.2	2.2								12.5	7.5
SSE	.4	1.7	1.7	.6								4.5	6.8
S	.8	5.6	2.9	.6								9.9	6.1
SSW		2.6	1.1	.1								3.9	6.2
SW	.4	4.3	3.2	1.0	.1							9.7	7.1
WSW		1.2	1.9	.7								3.9	8.7
W	.4	1.9	.3	.3	.1							3.1	6.2
WNW	.1	.5	.7		.1							1.5	7.2
NW	.1	.6	.4									1.1	6.5
NNW	.1	.6	.3	.1								1.1	6.5
VARBL													
CALM												2.1	
	5.3	39.3	38.9	14.0	.4							170.0	7.2

TOTAL NUMBER OF OBSERVATIONS 720

AL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1189 JACKSONVILLE FL STATION NAME 73-80 YEARS JUN  
MONTH 2100-2300  
HOURS (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	1.0	.1								4.2	5.4
NNE	.2	1.7										1.9	4.4
NE	.3	2.2	1.1	.1								4.3	5.4
ENE	.4	1.5	1.5	.4								4.2	7.1
E	.6	2.9										2.5	4.4
ESE	.1	4.3	.6									2.0	4.5
SE	2.1	5.1	.6	.4								2.5	5.1
SSE	1.5	3.2	1.5	.3								2.5	5.6
S	2.2	10.3	2.5	.1								12.1	5.1
SSW	1.4	4.7	1.8									7.9	5.7
SW	.6	3.9	2.9	.4								7.6	6.3
WSW	1.0	1.3	1.7	.3								4.7	5.2
W	.4	1.8	.7	.1								3.1	5.6
WNW	.2	1.2	.3									1.2	5.1
NW	.7	.8	.7	.1								2.4	5.4
NNW	1.0	1.2										2.2	7.5
VARBL													
CALM												17.4	
	14.3	43.6	17.2	2.5								122.0	4.4

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFM TAC  
 METEOROLOGICAL SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 189 JACKSONVILLE FL STATION NAME 73-60 YEARS JUL  
 MONTH JUL  
 ALL WEATHER  
 CLAS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.8	.2	.3							4.4	5
NNE	.2	.2	.5	.6	.3							2.5	7
NE	.5	1.3	1.7	1.2								4.9	8
ENE	.5	1.7	2.0	1.6	.1							5.9	8
E	.4	1.5	3.3	1.9	.1							7.3	8
ESE	.4	1.5	2.4	1.1								5.7	7
SE	.7	2.3	2.3	.9	.6							6.2	7
SSE	.5	1.4	1.7	.4								3.2	6
S	1.2	4.6	1.9	.3								3.6	5
SSW	.9	2.9	1.4	.1								3.3	5
SW	1.0	4.2	2.5	.4	.1							3.2	6
WSW	.9	2.5	2.3	.7		.0						5.5	6
W	1.1	3.1	2.0	.8	.0							4.9	6
WNW	.7	1.9	1.5	.3	.0							4.3	6
NW	.9	1.5	1.3	.2								3.9	5
NNW	.6	1.1	.7	.1								2.5	5
VARBL													
CALM												15.5	
	11.6	34.6	27.1	10.8	.3	.0						100.0	5

TOTAL NUMBER OF OBSERVATIONS 57

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE IAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (U)  
DEC 81

USAFETAC/DS-82/004

NL

2-5





U.S. NAVAL CLIMATOLOGY BRANCH  
NAFETAC  
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1989 JACKSONVILLE FL 73-80  
STATION MONTH YEARS  
ALL WEATHER  
CLASS  
CONDITION  
0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.3									1.7	4.1
NNE	.4	.4	.1									.9	4.2
NE	.5	.5	.1									1.5	4.3
ENE	1.2	1.9	.4									3.5	4.3
E	.8	1.5	.1									2.4	4.4
ESE	.1	.3										.4	4.2
SE	.7	1.6	.1									2.4	4.4
SSE	.5	1.3	.5									2.4	5.2
S	2.4	6.6	1.2	.1								10.8	4.5
SSW	1.7	5.5	.9									8.2	4.7
SW	3.2	6.3	1.7									11.0	4.8
WSW	1.6	5.2	2.2	.1								7.1	5.4
W	1.7	4.6	.7									7.0	4.6
WNW	1.2	2.7	.1									3.4	4.1
NW	1.1	1.2	.1									2.4	3.9
NNW	.7	.4	.1									1.2	4.1
VARBL													
CALM												31.6	
	12.4	39.9	8.9	.3								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
AFMPC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 69 JACKSONVILLE FL STATION NAME 73-80 YEARS JUL  
CLASS ALL WEATHER HOURS 0300-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7										.2	3.6
NNE	.4	.4										.2	3.6
NE	.5	.3	.1									.5	4.3
ENE	1.1	1.2										2.3	3.8
E	.3	.4										.7	4.0
ESE	.1	.7										.8	4.0
SE	1.1	1.7	.1									3.0	4.1
SSE	.4	1.1	.1									1.6	4.4
S	2.2	4.2	.8									7.2	4.4
SSW	1.0	4.4	.8									6.9	4.6
SW	2.2	7.4	.7									10.2	4.5
WSW	2.7	4.6	1.2	.1								6.6	4.8
W	2.2	4.0	.4									6.6	4.3
WNW	2.4	2.2										4.6	3.5
NW	1.3	1.5										2.8	4.2
NNW	.7	.7										1.3	3.8
VARBL													
CALM												32.5	
	20.2	35.9	4.3	.1								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS JUL MONTHS 600-0600 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2										3.5	3.7
NNE	.5	.7										1.2	3.7
NE	.5	1.3	.4									2.3	5.0
ENE	.8	.4	.3									1.5	4.5
E	.5	1.1	.3	.1								2.0	5.2
ESE	.1	.8	.3									1.2	5.4
SE	1.7	1.3	.7									3.8	4.4
SSE	.4	1.2	.3									1.9	4.9
S	2.0	2.6	.5									5.1	4.4
SSW	1.2	3.0	.9									5.1	4.9
SW	2.0	5.9	1.5									9.4	4.9
WSW	1.2	5.0	3.5									9.7	5.8
W	1.7	7.8	3.5	.1								13.2	5.5
WNW	2.4	3.1	.3	.3								6.0	4.6
NW	2.0	1.6	.3									3.9	4.0
NNW	.9	1.5	.1									2.6	4.0
VARBL													
CALM												27.7	
	12.6	39.4	12.8	.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH  
ATLANTA  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 39 JACKSONVILLE FL STATION NAME 73-81 YEARS JUL MONTH  
CLASS ALL WEATHER  
CONDITION 0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	.3									2.3	4.6
NNE		.5	.9									1.5	7.3
NE	1.2	1.3	1.7	.3								4.6	6.1
ENE	.1	1.7	1.5	1.3								4.7	6.2
E	.1	3.7	.7	1.3								5.1	7.2
ESE	.9	1.3	1.5	.4								4.7	6.8
SE	.7	1.9	3.2	.3								6.0	6.9
SSE	.4	1.6	2.0	.1								4.2	6.5
S	1.6	3.6	1.9	.1								7.3	5.4
SSW	.1	3.1	2.2	.1								5.5	6.5
SW	1.1	3.8	3.1	.7								8.6	6.5
WSW	.8	3.2	4.6	.9								9.5	7.2
W	.7	5.2	7.5	2.3								15.7	7.8
WNW	.8	1.9	2.7	.4								5.8	6.7
NW	1.1	2.3	3.6	.3								7.8	6.2
NNW	.7	1.6	.7									3.7	5.7
VARBL													
CALM												3.9	
	10.0	38.6	38.0	8.6								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 JACKSONVILLE FL 73-80 JUL  
STATION STATION NAME YEARS MONTHS  
ALL WEATHER 1200-1400  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	.3	.3								2.3	5.6
NNE	.5	.8	.4									1.7	5.3
NE	.3	.7	1.1	.5								2.6	8.1
ENE	.3	1.6	2.3	3.0	.1							7.3	9.3
E	.4	2.4	4.3	4.8								12.0	9.4
ESE	.4	2.0	3.5	2.0								7.9	8.6
SE	.4	1.7	3.2	2.0		.1						7.5	8.8
SSE	.3	1.7	1.3	.4								3.8	6.8
S	.5	3.6	3.5	.3								7.9	6.5
SSW	.1	2.6	2.2	.5								5.4	7.2
SW	.4	2.8	2.8	.5	.1							6.7	7.0
WSW	.9	3.2	4.3	1.6								10.1	7.4
W	.3	3.1	4.7	2.3	.1							10.5	8.4
WNW	.5	1.2	3.0	.9								5.6	6.7
NW	.5	2.2	1.6	1.1								5.4	7.2
NNW	.3	.9	.5									1.7	5.7
VARBL													
CALM												1.6	
	6.7	31.9	39.0	20.3	.4	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

U.S. NATIONAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1989 JACKSONVILLE FL 73-80 JUL  
STATION MONTH  
ALL WEATHER 1500-1700  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	.3	.1								1.7	6.3
NNE	.4	.5										.9	3.2
NE	.1	1.2	.7	.7	.1							2.3	8.1
ENE		.7	1.9	3.9								6.5	10.9
E		1.5	5.9	4.4	.1							11.8	9.7
ESE		1.7	6.5	4.2								12.4	9.9
SE		2.7	6.7	4.8	.1							14.4	9.4
SSE	.4	1.1	1.7	.9								4.2	7.9
S	.4	3.2	2.8	.9	.1							7.5	7.3
SSW		2.3	2.0	.9								5.2	7.7
SW	.1	2.3	5.4	1.7								4.5	8.3
WSW	.1	1.3	3.6	2.0								7.1	8.9
W	.7	.9	2.7	1.3								5.6	8.3
WNW	.4	.9	1.9	.5								3.9	7.4
NW	.1	.9	1.5	.7								3.2	8.7
NNW		.5	.7									1.2	6.4
VARBL													
CALM												2.0	
	3.0	23.1	44.1	27.3	.5							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATOLGY BRANCH  
USAFETAC  
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1889  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1800-2400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.3									1.6	4.5
NNE	.1	.3	.1									1.1	4.8
NE	.3	.3	.7	.7								1.9	5.9
ENE	.3	3.1	2.3	.8								6.5	7.3
E	.7	3.2	4.0	1.6								9.5	7.5
ESE	.5	3.8	5.1	1.5								10.9	7.5
SE	.4	6.6	7.3	2.8								17.1	7.7
SSE	.7	3.1	1.9	.4								6.0	6.3
S	.2	6.6	4.4	.8								12.6	6.2
SSW	.6	2.7	2.3	.3	.1							6.2	6.3
SW	.3	3.1	3.5	.9								7.8	7.3
WSW		2.7	2.2	.4								4.6	7.1
W	.4	2.4	1.6	.5	.1							5.1	7.1
WNW	.3	1.2	.7	.1								2.3	5.8
NW	.1	.9	.7	.1								1.9	6.0
NNW	.1	.5	.8									1.5	6.5
VARBL													
CALM												3.5	
	6.2	41.3	37.8	11.0	.3							120.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

NAVAL CLIMATOLOGY BRANCH  
USFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1989 JACKSONVILLE FL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
JUL 21.6-23.2  
MOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.5									1.2	4.6
NNE	.5	.3										.3	3.7
NE	.4	2.0	.4									.2	4.5
ENE	.7	3.5	.4	.1								.7	4.9
E	1.2	2.4	.3									.9	4.4
ESE	.9	3.4	.3									.6	4.7
SE	2.4	5.1	.7	.1								.3	4.5
SSE	.9	4.4	1.1									.5	5.1
S	5.0	9.8	3.0									15.7	5.1
SSW	1.1	5.9	2.8									.8	5.2
SW	.9	7.4	2.8									11.2	5.3
WSW	.7	3.5	1.9	.1								.2	5.4
W	.7	1.9	.7	.3								.5	5.7
WNW	.1	1.1	.1	.4								.7	6.6
NW	.3	1.1	.1									.2	3.9
NNW	.3	.5										.3	4.2
VARBL													
CALM												15.1	
	16.1	52.7	15.1	1.1								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 784



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 JACKSONVILLE FL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
JUL  
MONTH  
ALL  
HOURS (L.O.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	.2	.1								2.2	4.6
NNE	.4	.5	.2									1.1	4.3
NE	.6	1.7	.7	.3	.2							2.5	6.2
ENE	.6	1.8	1.1	1.1	.7							4.6	7.5
E	.5	1.9	1.9	1.5	.2							5.9	7.9
ESE	.4	1.7	2.1	1.0								5.3	7.7
SE	.9	2.8	2.8	1.3	.2	.2						7.8	7.2
SSE	.5	1.9	1.1	.2								3.3	6.1
S	1.6	5.2	2.3	.3	.2							9.2	5.5
SSW	.8	3.7	1.8	.2	.2							5.5	5.8
SW	1.2	4.9	2.7	.5	.2							9.3	5.9
WSW	1.0	3.5	2.9	.7								8.1	6.5
W	1.0	3.7	2.7	.9	.2							8.4	6.7
WNW	1.0	1.7	1.1	.3								4.1	5.8
NW	.9	1.5	1.2	.3								3.7	5.7
NNW	.5	.8	.4									1.7	4.9
VARBL													
CALM												15.6	
	12.8	37.8	25.0	8.7	.2	.2						103.0	5.4

TOTAL NUMBER OF OBSERVATIONS 5952

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS ALL  
ALL WEATHER CLASS 0000-0200  
 CONDITION NOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.5	.5									4.4	4.1
NNE	1.3	.4										1.7	3.5
NE	1.2	1.5	.5	.1								2.4	5.2
ENE	1.3	2.7	.3	.1								4.4	4.6
E	.9	1.5	.5									3.3	4.7
ESE	.7	.8	.4									1.9	4.7
SE	.9	1.1		.1								2.2	4.2
SSE	.3	.5	.4									1.7	4.4
S	2.3	4.7	1.2									7.9	4.7
SSW	2.3	3.6	.5									6.2	4.5
SW	2.2	2.7	.3									5.1	4.1
WSW	1.2	2.4										3.6	4.1
W	1.9	2.3										3.9	3.7
WNW	1.3	1.9										3.2	3.7
NW	2.3	1.7	.1									4.7	3.6
NNW	1.3	.7										2.0	3.5
VARBL													
CALM												40.6	
	24.5	29.7	4.8	.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 784

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 59 STATION NAME JACKSONVILLE FL YEARS 73-80 MONTHS ALL  
CLASS ALL WEATHER HOURS (L.S.T.) 000-0500  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.1	.4	.1								4.0	4.3
NNE	.7	.7										1.3	3.7
NE	.9	1.2										2.2	3.9
ENE	1.5	1.7	.5	.3								4.0	4.9
E	.3	.8	.3									1.3	4.3
ESE	.5	.3	.1									.9	4.2
SE	.9	.9										1.9	3.6
SSE	.9	.5	.1									1.5	4.1
S	2.3	3.5	.4									6.2	4.2
SSW	1.7	2.6	.9									5.2	4.9
SW	1.6	3.2	.3									5.1	4.2
WSW	1.2	.5	.1									1.9	3.6
W	2.3	2.3										4.3	3.6
WNW	2.4	.9										3.4	3.3
NW	1.9	2.3										4.2	3.9
NNW	2.2	1.1	.1									3.4	3.6
VARBL													
CALM												49.1	
	23.2	23.4	3.4	.4								12.1	2.1

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE BRANCH  
AFETAC  
STATION SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS AUG  
MONTH 1967-1968  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.3	1.1	.4								3.2	4.6
NNE	.2	1.1	.3									2.2	4.6
NE	1.2	1.3	.3									2.8	4.1
ENE	.3	1.3	.5	.4								2.6	4.3
E	.4	1.1	.7	.4								2.7	5.5
ESE		.4	.1									.5	5.3
SE	.5	2.2										1.0	4.3
SSE	.1	1.1	.5									1.7	5.3
S	2.4	2.3	1.2									6.5	4.5
SSW	1.3	2.7	.4									4.4	4.7
SW	2.6	3.9	.7									7.1	4.5
WSW	.9	3.2	.4									4.6	4.5
W	1.3	3.1	.3									4.7	4.5
WNW	1.6	1.6	.3									3.5	4.7
NW	2.5	1.2										2.7	5.4
NNW	1.5	1.7	.4									3.6	4.4
VARBL													
CALM												37.9	
	2.2	31.6	7.1	1.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 199 JACKSONVILLE FL STATION NAME 73-83 YEARS Aug  
CLASS ALL WEATHER MONTH 1952-1953  
CONDITION 1952-1953  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.7	1.7	.3								.1	6.4
NNE	.4	1.7	2.5	.3								4.2	6.9
NE	.7	2.4	2.7	1.1	.3							7.1	7.4
ENE	.5	2.4	1.9	1.2								5.3	7.3
E	.1	4.3	3.6	2.2								13.2	7.9
ESE	.3	2.4	1.2	.7								4.5	6.3
SE	.1	2.7	1.9	.5								5.2	6.5
SSE	.4	1.2	1.1	.5								3.2	6.7
S	.3	4.4	2.0	.1	.1							3.7	5.5
SSW	.3	4.7	3.2									2.5	6.1
SW	.7	4.8	2.3	.4								5.2	6.2
WSW	.3	3.9	2.2	.1								7.3	5.7
W	.4	4.3	2.4									2.7	5.8
WNW	.4	3.3	1.1	.1								4.5	5.6
NW	.3	2.7	1.7									4.3	6.1
NNW	.4	1.3	.7	.1								2.0	5.6
VARBL													
CALM												3.0	
	5.5	47.9	31.7	7.7	.4							17.2	6.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 MILITARY AERONAUTICS  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 73-80 JACKSONVILLE FL STATION NAME 73-80 YEARS ALL  
 CLASS WEATHER  
 CONDITION 1200-1400  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	.5									2.4	5.1
NNE	.1	.3	.7	.4								2.2	7.7
NE	.4	1.2	2.2	1.6	.1							5.5	8.7
ENE	.3	1.9	4.8	4.4	.1							11.6	9.3
E	.9	3.4	6.9	5.0	.4							16.5	9.2
ESE	.5	1.5	4.8	1.7								3.6	8.6
SE	.9	2.4	4.3	2.8								10.5	8.1
SSE	.5	1.7	1.1	.3								3.6	6.7
S	.9	2.3	2.6	.4	.1							6.3	6.0
SSW	.7	2.3	1.3									4.0	6.7
SW	.3	1.7	3.2	.4	.1							5.6	7.4
WSW	.1	3.1	1.9	.9								6.0	6.9
W	.3	1.5	1.5		.1							3.4	6.6
WNW	.1	2.2	1.2	.3								3.8	6.3
NW	.3	2.6	1.9	.1								4.5	6.6
NNW	.3	1.3	.9									2.6	6.1
VARBL													
CALM												2.6	
	7.4	30.0	39.8	18.4	1.1							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 JACKSONVILLE FL 73-80 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2	.7	.3								1.5	7.3
NNE	.3	.4	.1	.3								1.1	6.8
NE	.1	.2	1.9	1.6	.1	.1						4.8	10.1
ENE		1.2	4.7	5.5								11.4	10.1
E		1.5	11.0	9.9	.1							22.6	10.3
ESE	.1	1.3	8.6	5.1	.1							15.9	9.5
SE	.1	1.6	7.8	4.6	.1							14.2	9.7
SSE		1.6	1.7	.8								4.2	6.0
S	.4	2.6	1.5	.4								4.6	6.7
SSW	.3	.5	2.3	.3								3.6	7.4
SW	.3	1.1	2.6	.4								4.3	7.4
WSW	.1	.7	1.3	.5								2.7	7.2
W	.1	1.2	1.3	.1	.1							3.2	7.4
WNW		.7	.7									1.3	6.6
NW	.4	.7	.9	.1								2.0	6.3
NNW		.1	.9	.4								1.5	9.7
VARBL													
CALM												1.1	
	2.0	16.9	48.0	30.4	.7	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFMTC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 39 JACKSONVILLE FL STATION NAME 73-80 YEARS ALL  
 CLASS ALL WEATHER MONTH 1980-2000  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.3	.4								1.6	7.0
NNE		.3	.1									.3	5.9
NE	.1	2.6	2.4	.5								5.6	7.0
ENE	.4	5.6	2.7	.7								9.4	6.4
E	.5	5.6	7.7	.8								14.7	7.2
ESE	.9	6.5	7.7	1.1								16.1	7.0
SE	.8	7.9	6.5	1.5								16.7	6.7
SSE	1.1	2.4	2.4	.1								6.0	6.0
S	1.7	5.2	.9									7.3	4.7
SSW	.5	2.7	.4									3.0	4.7
SW	.5	3.7	1.5	.4	.1							5.5	6.3
WSW	.1	.7	.8	.3	.1							2.0	8.3
W	.3	1.2	.3	.4								2.2	6.1
WNW		.3	.5									1.3	6.4
NW	.1	.9	.3	.1								1.5	6.1
NNW	.1	.1	.1									.4	6.3
VARBL													
CALM												5.1	
	7.7	46.1	34.5	6.3	.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 744



NATIONAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 STATION NAME JACKSONVILLE FL YEARS 73-80 MONTH AUG  
CLASS ALL WEATHER HOURS (L.S.T.) 0100-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.2	1.1	.3									2.6	4.1
NNE	.7	1.3	.3	.1								2.4	5.2
NE	1.1	3.4	1.2									5.6	5.7
ENE	2.0	6.3	.7									9.0	4.4
E	1.1	3.9	.4									5.4	4.0
ESE	.8	2.6	.5	.1								4.0	4.3
SE	1.9	4.0	.5									6.5	4.3
SSE	2.0	3.1	.3									5.4	4.4
S	2.6	9.0	1.1									12.6	4.7
SSW	1.2	3.2	.1	.1								4.7	4.5
SW	.9	3.6	.4									5.2	4.6
WSW	.5	1.9	.8									3.2	5.1
W	.2	1.1	.1									2.0	4.5
WNW	.7	1.2										1.9	3.7
NW	1.2	1.1	.4		.1							2.8	5.2
NNW	.4	.4	.1									.9	4.1
VARBL													
CALM												25.9	
	19.1	47.2	7.3	.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 62 JACKSONVILLE FL STATION NAME 73-80 YEARS ALL  
 CLASS ALL WEATHER  
 CONDITION ALL  
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.7	.2								2.7	5.0
NNE	.5	.9	.4	.1								2.0	5.7
NE	.7	1.9	1.4	.6	.1	.0						4.6	6.9
ENE	.8	2.9	2.0	1.6	.0							7.3	7.3
E	.6	2.9	3.9	2.3	.1							2.5	6.3
ESE	.5	2.3	2.9	1.1	.0							6.6	7.7
SE	.8	2.9	2.6	1.2	.0							7.5	7.1
SSE	.7	1.5	1.0	.2								3.4	5.9
S	1.8	4.3	1.4	.1	.0							7.6	5.1
SSW	1.1	2.7	1.2	.1								2.0	5.3
SW	1.1	3.7	1.4	.2	.0							5.8	5.5
WSW	.6	2.0	.9	.2	.0							3.9	5.7
W	.9	2.0	.7	.1	.0							1.6	5.2
WNW	.8	1.5	.5	.1								2.3	4.8
NW	1.2	1.6	.7	.1	.0							3.5	5.0
NNW	.8	.9	.4	.1								2.1	5.1
VARBL													
CALM												20.8	
	14.5	34.2	22.1	8.1	.3	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 5952

NATIONAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 89 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS SEP MONTH  
 0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.7	1.4									7.5	4.7
NNE	.8	1.2	1.1	.1								3.3	5.7
NE	.7	1.2	1.2	.7	.4							5.3	7.7
ENE	.4	2.1	.1	.3								2.9	5.5
E		1.7	.1	.4								2.2	6.2
ESE	.7	1.4										2.1	4.2
SE	1.3	1.7	.4									3.1	4.5
SSE	1.3	.6	.6									2.1	4.7
S	1.1	3.5	1.7	.1								6.4	5.3
SSW	1.3	2.1										3.1	4.4
SW	1.5	1.5	.6	.3								3.9	5.1
WSW	1.1	1.3	.6									2.6	4.9
W	.4	1.5	.3									2.2	4.9
WNW	1.3	1.3										2.8	4.3
NW	1.1	2.2	.1			.1						3.6	4.8
NNW	1.4	2.6	.8									4.9	4.7
VARBL													
CALM												42.4	
	15.6	30.6	9.7	1.9	.4	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-89 STATION JACKSONVILLE FL 73-80 YEARS SEP MONTHS  
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.6	2.2	.8								9.0	5.3
NNE	.8	1.1	.7	.1								2.6	5.2
NE	1.4	1.7	.3		.1	.3						3.7	6.3
ENE	.6	1.7	.3									2.8	4.9
E	.4	.8	.6									1.8	5.6
ESE	.6	.3	.1									1.0	4.6
SE	.4	1.1	.4	.1								2.1	5.3
SSE	.4	1.0	.3									1.7	4.7
S	1.8	2.9	.7									5.3	4.6
SSW	.6	1.3		.3								2.6	4.9
SW	1.0	1.4	.7									3.1	4.9
WSW	.8	1.2	.3									2.4	4.7
W	1.9	.8	.7	.1								3.5	4.2
WNW	1.2	1.9	.1									3.3	3.9
NW	2.2	1.2	.3									3.7	3.7
NNW	2.2	2.5	.8									5.1	4.2
VARBL													
CALM												46.1	
	19.2	25.3	8.1	1.0	.1	.3						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19 89 STATION JACKSONVILLE FL 73-80 YEARS SEP NORTH  
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	5.4	1.7	1.1	.1							11.1	5.4
NNE	1.8	2.6	1.7	.1								6.2	5.2
NE	1.0	2.4	.1	.1								3.6	4.7
ENE	.6	2.4	.8									3.7	5.3
E	.6	1.1	.8									2.5	5.2
ESE	.4	.4	.1									1.0	4.9
SE	.8	.4	.6									1.6	4.8
SSE	.8	.6	.6	.1								2.1	5.5
S	.7	2.1	1.2									4.0	5.3
SSW	1.2	1.2	1.1									3.6	5.3
SW	.6	2.1	.1	.1								2.9	4.9
WSW	.8	1.8	1.2									3.9	5.3
W	.6	1.7	.3									2.5	4.5
WNW	1.9	1.2	.4									3.6	4.3
NW	2.5	2.8	.1	.1								5.6	4.3
NNW	2.9	2.5	.6									6.0	4.1
VARBL													
CALM												35.8	
	27.0	30.7	11.5	1.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 722

CLIMATE CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1789 STATION JACKSONVILLE FL 73-80 YEARS SEP MONTH  
 ALL WEATHER CLASS 900-1100 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.9	3.1	.8								2.3	6.5
NNE	.3	2.4	2.5	1.2	.3							2.7	6.1
NE	.3	3.5	3.1	1.0								7.8	7.2
ENE	.8	3.1	3.3	1.4	.1							2.7	7.5
E	.3	2.6	3.5	1.8	.1							2.3	8.6
ESE	.4	2.4	1.7	.7								5.1	7.3
SE	.7	1.5	2.2	.7								5.1	6.8
SSE	.6	2.2	.6	.4	.3							4.7	6.3
S	1.1	3.1	2.8	.6	.1							7.6	6.6
SSW	.4	1.3	1.8									3.7	6.0
SW	.4	2.1	1.7	.1								4.3	6.1
WSW	.5	2.6	.7	.4								4.3	6.1
W	.7	2.2	2.2	.6								2.7	6.7
WNW	1.7	1.7	1.2	.1		.1						4.2	6.4
NW	.5	2.2	1.5	.1	.1	.1						2.0	6.5
NNW	1.1	3.2	1.0									5.3	4.9
VARBL													
CALM												5.7	
	11.0	39.4	32.8	10.0	1.1	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 720

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS SEP MONTHS 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.5	1.5	.6								6.4	6.2
NNE	.1	1.2	1.4	1.1								4.4	8.2
NE	.6	1.5	2.6	3.5	.1							6.3	9.3
ENE	.4	2.6	5.4	4.6	.1							13.2	9.3
E	.4	2.4	6.7	5.3	.3							15.0	9.5
ESE	1.0	1.9	2.9	1.8								7.6	7.6
SE	.7	1.9	3.3	1.4								7.4	8.3
SSE	.3	1.4	1.7	.7								4.0	7.5
S	.3	1.9	2.5	1.2	.1							6.1	8.2
SSW		1.7	.8	.3								2.8	6.9
SW	.6	1.1	1.0	.4								3.1	6.3
WSW	.1	1.2	1.2	.4		.1						3.2	8.3
W	.1	2.5	1.5	.8		.3						5.3	8.4
WNW	.1	1.1	1.8	.7								3.7	7.7
NW	.3	1.7	1.4	.4	.1							3.9	7.3
NNW	.1	1.4	1.2									2.8	6.7
VARBL													
CALM												2.8	
	6.0	29.7	37.1	23.2	.8	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 722

U.S. AIR FORCE  
 USAFETAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL 73-80 YEARS SEP  
STATION NAME CLAS MONTH

ALL WEATHER 1500-1700  
CLAS HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	1.5	.3								2.7	6.6
NNE	.1	.4	1.0	1.8	.1							3.5	9.9
NE	.1	2.1	2.5	2.9								7.6	9.3
ENE		2.1	7.8	5.7								15.6	9.6
E	.1	2.9	10.7	6.8								20.6	9.3
ESE	.1	1.9	7.9	3.2								13.2	9.7
SE		1.7	6.0	3.5								11.1	9.3
SSE	.1	1.1	1.5	.7								3.5	7.9
S	.1	1.1	1.0	.6	.1							2.9	8.0
SSW	.1	1.0	1.0	.3								2.4	7.1
SW		.7	.8	.1								1.7	6.8
WSW	.3	.6	1.9	.1	.3	.1						3.3	9.2
W	.3	1.1	2.1									3.5	6.8
WNW	.3	.6	.8	.1								1.6	7.7
NW	.3	1.0	.8	.3								2.4	6.6
NNW	.1	1.7	.6	.1								2.5	6.2
VARBL													
CALM												.8	
	2.8	21.2	47.9	26.5	.6	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 720



FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

1989 STATION JACKSONVILLE FL 73-80 YEARS SEP 1980-2000 MONTH NORTH  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	1.0	.1								4.7	5.1
NNE	.1	1.3	1.5	.6								4.3	7.0
NE	1.4	3.1	2.1	1.8								5.3	7.2
ENE	1.0	6.0	3.9	.8	.3							11.4	6.7
E	1.0	6.0	3.5	.1								10.6	5.9
ESE	1.1	7.1	5.0	.1								13.3	6.2
SE	1.7	8.1	5.7	.4								13.6	5.9
SSE	1.0	3.7	1.9									6.7	5.6
S	1.4	2.2	1.2	.7								6.2	5.8
SSW	.1	1.5	.1									1.8	4.9
SW	.6	1.1	.4	.1								2.2	5.6
WSW	.1	1.5	.3	.1	.1							2.2	6.4
W		1.0	.6									1.5	5.9
WNW	.3	1.1	.3	.1								1.8	5.5
NW	.2	1.0	.1									1.4	4.4
NNW	.4	.3	.1	.1								1.5	5.7
VARBL													
CALM												5.6	
	11.9	48.7	27.8	5.3	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 72

JOINT AL CLIMATOLOGY BRANCH  
USAFETAC  
FATHER SE VICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 82 JACKSONVILLE FL STATION NAME 73-82 YEARS SEP  
MONTH NOV-2300  
CLASS ALL WEATHER  
HOURS (L.S.T.) 2100-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.4	1.8									3.6	4.8
NNE	1.5	1.5	1.5									4.2	5.2
NE	1.1	2.6	1.1	1.1	.4							6.4	7.3
ENE	1.1	2.5	.6	.6								4.7	5.6
E	.7	2.1	.3									3.1	4.7
ESE	.7	2.2	.6									3.5	4.2
SE	2.4	4.7	.8	.1								3.1	4.6
SSE	1.9	1.4	.8									4.2	4.4
S	1.1	5.1	1.4	.3								2.9	4.7
SSW	.8	2.4	.8									4.2	5.2
SW	1.7	1.2	.4									3.3	4.1
WSW	.7	1.1	.3	.4								2.5	6.3
W	.3	2.2	.1									2.6	4.5
WNW	.4	.3										1.2	4.6
NW	1.5	1.5	.8									1.9	4.6
NNW	1.2	1.1	.1									2.5	3.8
VARBL													
CALM												27.5	
	21.5	37.1	11.0	2.5	.4							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 722



U. S. AIR FORCE  
 AIR FORCE  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1979 JACKSONVILLE FL 73-80 OCT 1979-07-79  
 STATION NAME YEARS MONTHS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	7.4	3.6	.7								13.3	5.8
NNE	.4	1.9	2.3	.9	.3							5.3	8.2
NE	.5	1.7	1.7	.7								4.7	7.3
ENE	.3	1.1	.1									1.5	4.7
E	.4	.7	.1									1.2	4.4
ESE		.5	.1									.7	5.8
SE	.1	.1	.5									.8	6.8
SSE	.7	.3	.3									.3	5.8
S	.4	1.9	.7	.1								3.1	5.5
SSW	.4	.3	.4									1.1	6.7
SW	.3	1.6	.5									3.2	4.3
WSW	.3	2.3	.7	.1								3.4	5.7
W	2.2	1.9	.4									4.4	4.7
WNW	3.5	2.4	.7									5.6	4.7
NW	1.2	3.4	1.9	.3								4.1	5.1
NNW	.3	3.5	1.2	.1								5.6	5.4
VARBL													
CALM												34.4	
	15.7	31.3	15.3	3.0	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATOLOGY BRANCH  
 JOINT TAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 59 JACKSONVILLE FL 73-80 001  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
2300-0500  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	7.5	4.6	1.2								16.4	6.7
NNE	0.1	0.9	2.6	1.2	0.1							5.6	8.4
NE	0.4	0.5	0.8	0.8								2.8	8.3
ENE	0.3	1.2	0.1									1.6	4.5
E		0.5	0.1									0.7	5.3
ESE	0.1		0.1									0.3	5.3
SE	0.3	0.3	0.1									0.7	5.3
SSE		0.3		0.3								0.5	9.3
S	0.4	0.7	1.1	0.1								2.3	6.7
SSW	0.4	0.8										1.2	4.2
SW	0.8	0.7	0.3									1.7	4.2
WSW	0.5	1.9	0.1									2.6	4.7
W	2.4	2.7	0.1									5.4	3.9
WNW	3.4	2.7	0.7	0.1								7.3	4.2
NW	3.5	4.7	1.7	0.1								9.4	4.7
NNW	1.1	4.7	1.1	0.3								6.5	5.1
VARBL													
CALM												3.1	
	17.9	29.2	13.6	4.2	0.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
 WFO TAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS OCT  
 CLASS ALL WEATHER 0600-1800  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	7.9	5.9	2.3								22.7	6.1
NNE	1.1	2.3	2.8	1.9								5.1	8.0
NE	.7	2.7	1.2	.8								4.7	6.9
ENE	.1	.7	.3									1.1	5.4
E	.3	.3	.4									.9	5.9
ESE		.1										.1	4.0
SE	.1	.4										.5	4.0
SSE	.7	.4		.1								.8	5.7
S	.5	.3	.5	.5								1.9	7.5
SSW	.4	.9	.4									1.7	5.2
SW	.7	1.2		.1								2.0	4.3
WSW	1.5	1.1	1.1									3.6	4.9
W	2.6	2.3	.9									5.9	4.3
WNW	3.1	1.9	.5									5.5	4.1
NW	3.9	4.4	1.6	.5								13.5	4.9
NNW	1.2	2.9	.9	.1								5.1	5.1
VARBL													
CALM												24.9	
	21.0	31.0	16.7	6.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 744

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 89 JACKSONVILLE FL 73-80 OCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1900-1900  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.9	5.4	1.3	.1							13.5	6.6
NNE	.5	2.7	4.6	4.8	.4							13.7	9.6
NE	.4	3.9	7.7	5.8	.7							12.3	9.3
ENE	.4	1.7	3.5	2.6	.4							5.6	9.2
E	.1	.7	2.2	.5								3.5	8.4
ESE		.4	1.2	.4	.1							2.2	9.4
SE		.7	.7	.5								1.4	8.3
SSE	.1	.4	.4	.3								1.2	7.2
S	.5	2.2	1.3	.7								4.7	6.3
SSW	.3	.3	.5	.1								1.2	7.2
SW	.5	.7	1.1	.7								3.4	7.2
WSW	.4	1.1	.8	.3								2.6	6.6
W	.1	2.4	1.6	.5								4.7	6.7
WNW	.5	1.4	1.3	1.2	.1							5.1	7.6
NW	.7	2.2	1.6	1.1								5.5	7.3
NNW	1.2	2.6	1.5	.8								5.3	6.4
VARBL													
CALM												3.4	
	9.6	29.2	35.3	21.6	1.9							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
CLIMATE BRANCH  
U.S. AIR FORCE  
WEATHER SERVICE/MAJ

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS 061 ROUTE  
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.4	2.3	.3								6.6	7.2
NNE	.9	1.2	2.4	3.5		.1						6.2	9.7
NE	.1	1.5	4.7	10.2	2.4							19.0	12.2
ENE	.3	1.2	3.6	6.6	.5							12.2	10.6
E	.4	2.1	5.9	5.6								13.6	9.9
ESE	.1	.5	1.3	1.1		.1						3.6	9.2
SE	.4	.3	1.3	.4								3.0	7.3
SSE	.4	.5	.4									1.3	5.9
S		1.2	1.5	.8								3.5	8.3
SSW	.3	.7	.7	.5								2.2	7.9
SW	.4	.9	.7	.1								2.2	6.9
WSW	.1	1.5	1.7	1.6								5.7	8.3
W	.1	1.1	1.3	1.1	.3							3.9	9.2
WNW	.9	.7	1.7	1.5	.4							5.2	6.7
NW	.7	1.2	1.6	1.3	.4							4.3	9.3
NNW	.7	2.3	1.7	.1								4.4	6.7
VARBL													
CALM												.9	
	3.2	21.2	32.9	35.3	4.0	.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 744



CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1989 JACKSONVILLE FL 73-80 267  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.7	1.9	.1								5.1	6.4
NNE	.3	.3	1.7	4.3	.7							6.9	11.4
NE		1.2	4.3	9.5	1.2	.1						19.4	12.8
ENE	.1	1.3	9.0	7.1	.1							17.7	12.3
E	.1	1.5	10.5	3.5								15.6	9.3
ESE		.9	3.7	1.2								5.1	9.7
SE	.1	1.1	2.3	.8								4.3	6.1
SSE	.1	.1	.5									.3	6.5
S	.3	.7	.7	.4								2.0	6.7
SSW	.3	.7	.3	.5								1.7	7.5
SW	.1	.9	1.1	.3								2.4	7.1
WSW	.3	1.2	1.1	.5								3.1	7.2
W	.1	1.5	1.6	.5								3.8	7.7
WNW	.3	1.3	2.8	2.0	.3							6.7	9.4
NW	.1	1.3	1.6	.9								4.9	7.8
NNW	.7	1.9	.9	.1								3.6	6.7
VARBL													
CALM												.7	
	3.1	19.0	43.3	32.0	1.9	.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE CLIMATOLOGY BRANCH  
 AFMTC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 73-89 JACKSONVILLE FL STATION NAME 73-89 YEARS OCT MONTH  
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.2	2.3	.1								8.7	5.8
NNE	.2	2.3	5.6	2.7	.4							11.3	6.4
NE	1.2	5.6	5.7	2.2	.1							14.1	7.3
ENE	1.3	8.7	2.6	.8								13.4	5.5
E	1.3	5.2	1.6	.3	.1							9.3	5.7
ESE	.7	2.4	.5									3.6	5.2
SE	.3	3.8	1.3									5.9	5.2
SSE	.5	1.1	.1									2.6	4.1
S	.4	.1	.6									2.0	5.7
SSW	.4	.4	.9	.4								2.2	7.5
SW	.5	.8	.4									1.7	4.7
WSW	.7	.9	.4									2.0	4.6
W	1.1	1.5	.1									2.7	3.9
WNW	.8	1.6	.5									3.0	4.6
NW	.5	2.3	1.2									4.0	5.5
NNW	.1	1.2	.8									2.8	5.7
VARBL													
CALM												13.2	
	12.8	43.3	24.3	5.8	.7							100.7	5.3

TOTAL NUMBER OF OBSERVATIONS 744

NATIONAL CLIMATOLOGY BRANCH  
USAFETAC  
METEOROLOGICAL SERVICE/MAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 89 JACKSONVILLE FL 72-80 YEARS 801 MONTH 2100-2300  
STATION NAME CLASS HOURS (L.S.T.)  
ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	5.6	3.9	.4								1.3	5.6
NNE	.8	2.4	2.3	1.6	.3							7.9	7.9
NE	1.2	4.7	2.2	1.7								8.1	6.7
ENE	.5	4.3	.5	.4								5.8	5.3
E	.1	.8	.5	.4								1.9	6.3
ESE		.7										.7	4.8
SE	.5	1.3										1.9	4.1
SSE	.5	1.7	.1									2.4	4.4
S	.8	.9	1.1	.1								3.7	6.7
SSW	.4	.3	1.2									1.9	6.5
SW	.5	1.5	.9									3.7	5.5
WSW	.8	.8	.7									2.3	5.3
W	1.1	1.1	.1									2.3	4.7
WNW	2.4	1.6	.1									4.2	3.9
NW	1.9	2.4	.9	.1								3.4	5.3
NNW	.5	2.8	1.1	.1								4.6	5.4
VARBL													
CALM												31.3	
	15.2	32.4	16.1	5.0	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

99 JACKSONVILLE FL 73-80  
 STATION MONTH YEARS  
 ALL WEATHER  
 CLASS  
 ALL  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	5.7	3.7	.9	.0							12.4	6.1
NNE	.7	1.7	3.1	2.5	.2	.0						2.4	9.2
NE	.6	2.6	3.4	4.0	.6	.0						11.1	9.6
ENE	.4	2.5	2.5	2.2	.1							7.7	8.4
E	.4	1.5	2.7	1.3	.0							5.9	8.1
ESE	.1	.8	.9	.3	.0	.0						2.0	7.9
SE	.3	1.1	.8	.2								2.4	6.4
SSE	.3	.6	.2	.1								1.2	5.5
S	.4	1.1	1.0	.4								2.8	6.7
SSW	.4	.5	.6	.2								1.6	6.7
SW	.6	1.0	.6	.2								2.4	5.6
WSW	.6	1.3	.8	.3								3.1	6.3
W	1.2	1.8	.8	.3	.0							4.1	5.5
WNW	1.9	1.9	1.1	.6	.1							5.4	5.9
NW	1.8	2.7	1.5	.6	.1							8.6	5.6
NNW	.7	2.7	1.2	.2								4.5	5.7
VARB													
CALM												17.9	
	12.4	29.6	24.7	14.2	1.1	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 5952

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 169 STATION NAME JACKSONVILLE FL YEARS 73-80 NCV NOV  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 1000-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.4	2.9	.4								3.3	5.9
NNE	.4	.7	1.4	.1								2.5	5.9
NE	1.0	1.1	1.1	.8								4.0	7.3
ENE	.6	1.2	.4									2.2	5.1
E	.4	.6	.3	.3								1.3	6.3
ESE		.6	.1									.7	5.4
SE	.3	1.7										1.2	4.9
SSE	.4	.9	.1									1.4	4.3
S	1.7	2.5	2.5									6.0	6.1
SSW	1.1	1.2	.1	.4								2.9	5.3
SW	.4	1.9	.1									2.5	4.3
WSW	.3	1.1	.3									2.2	4.4
W	1.7	3.1	.7	.1								5.6	4.9
WNW	3.7	3.3	.6	.7								2.3	4.7
NW	3.1	6.4	1.2	.6								10.3	5.1
NNW	.8	4.3	2.5	.3								7.9	5.9
VARBL													
CALM												3.3	
	17.2	34.6	14.9	3.7								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE  
 WEATHER SERVICE  
 STATION

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 139 JACKSONVILLE FL STATION NAME 73-80 YEARS NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.4	3.9	1.0								11.0	6.5
NNE	.7	1.1	1.9	.3								3.9	6.8
NE	.3	.8	.8	.3								2.2	6.9
ENE	1.1	1.1										2.2	3.5
E	.4	1.3	.3									1.9	5.7
ESE	.6	.4										1.0	3.8
SE	.6	1.7		.1								1.7	4.8
SSE	.1	.7										.8	4.2
S	.7	1.7	1.7	.1								4.2	6.3
SSW	.7	1.5	.3	.3								2.8	5.5
SW	.7	.7	.1									1.1	4.6
WSW	.6	1.3	.3									.1	4.5
W	.8	3.8	.6	.1								2.3	4.8
WNW	2.9	4.2	.3	.7								8.1	4.6
NW	3.3	5.4	2.5	.4								11.7	5.3
NNW	1.4	3.8	2.2	.6								7.9	5.9
VARBL													
CALM												31.3	
	16.0	33.9	14.9	3.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 719

CLIMATE CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS 40Y  
 CLASS ALL WEATHER MONTH 0600-2400  
 CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	7.1	4.2	1.4								14.7	6.4
NNE	.4	.3	1.9	1.0	.1							3.6	9.2
NE	.6	1.4	.3	1.0	.1							3.3	7.5
ENE	.7	1.4	.3									2.4	4.9
E	.4	.7	.3									1.4	5.7
ESE	.1	.3	.4									.9	5.3
SE	.8	.4										1.2	3.7
SSE	.4	.7	.3									1.4	4.9
S	.3	1.9	1.4	.1								3.7	6.4
SSW	.7	1.5	.3	.6								3.1	5.8
SW	1.1	.7	.6									2.4	4.6
WSW	.6	1.3										1.5	4.1
W	2.1	2.6	.7	.1								2.6	4.3
WNW	1.9	3.6	1.0	.6								7.1	5.2
NW	1.7	3.7	1.1	1.0								7.5	5.7
NNW	1.2	4.7	2.1	.6								5.6	5.9
VARBL													
CALM												31.7	
	16.1	32.1	14.6	6.2	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 722

U.S. AIR FORCE  
 CLIMATE BRANCH  
 AFMPC  
 FORT MONROE, VIRGINIA

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION JACKSONVILLE FL STATION NAME 73-80 YEARS NCV  
 ALL WEATHER CLASS 1949-1970  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.8	6.9	.8								1.1	6.5
NNE	.4	2.1	4.0	2.3								3.9	2.4
NE	1.1	3.1	2.8	2.1	.3	.1						1.2	3.8
ENE	.1	2.2	1.4	.7	.3							2.3	2.7
E	.1	2.4	1.5	1.7								3.1	3.1
ESE	.2	1.2	1.5	.3								2.8	6.8
SE	.2	1.5	1.5	.4	.1							3.9	7.1
SSE	.1	.7	1.4	.1								2.4	7.1
S	.5	1.4	3.5	.6								6.0	7.8
SSW	.1	1.2	1.7	.8								3.7	8.2
SW	.7	1.3	1.9	.7								3.1	7.2
WSW	.4	1.3	1.3	.6								3.1	7.8
W	.3	1.5	1.1	1.1	.1							4.2	6.4
WNW	.3	1.1	1.0	1.4	.3							3.2	9.1
NW	.7	2.2	2.8	1.8	.4							7.5	6.9
NNW	.3	1.1	3.5	.4								2.7	7.9
VARBL													
CALM												5.7	
	7.9	30.8	36.5	16.8	2.1	.1						10.5	7.4

TOTAL NUMBER OF OBSERVATIONS 720



LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
METEOROLOGICAL SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-29 JACKSONVILLE FL STATION NAME JACKSONVILLE FL YEARS 73-80 MONTH NOV  
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.3	2.6	1.0	.1							0.2	7.6
NNE	.7	1.4	3.2	2.2	.6							5.1	9.3
NE	.6	1.8	3.5	4.6	.6	.3						11.2	10.3
ENE		1.5	3.3	3.1	.4							6.6	10.7
E	.3	1.1	3.6	1.4								2.4	8.9
ESE	.3	1.5	1.7	2.6								6.1	9.4
SE	.3	2.1	2.5	1.9	.6							7.4	9.4
SSE	.1	.7	1.4	.3								2.5	7.6
S	.4	1.7	3.1	1.7	.1							6.9	8.5
SSW		1.1	1.2	1.5								3.9	9.1
SW	.4	.7	.6	1.8	.1							3.6	9.3
WSW	.4	.9	1.5	1.9								4.7	9.5
W		1.4	1.9	1.8	.1							5.3	9.7
WNW	.1	.4	1.5	2.6	.3							5.3	11.3
NW	.4	1.7	1.9	3.7	.1							7.2	10.1
NNW	.1	1.0	1.9	1.1	.1							4.9	6.5
VARBL													
CALM												1.1	
	4.2	21.5	35.8	33.3	3.2	.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 721

U.S. AIR FORCE METEOROLOGICAL BRANCH  
 IAC  
 DATA - SE VICT/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 73-81 YEARS SOUTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	1.3	.4	.3							2.1	6.6
NNE		.2	1.2	2.8								4.2	10.3
NE	.2	1.5	3.7	5.6	.3							11.4	10.3
ENE		1.5	5.6	2.2	.3							9.6	9.2
E		3.3	3.2	.7								12.2	7.8
ESE		1.2	4.6	1.4								7.2	6.8
SE	.2	1.5	2.4	2.4								6.5	9.1
SSE	.1	.6	1.4	.6								2.2	8.1
S	.1	2.3	2.2	.1								5.3	6.4
SSW		.2	.3	.4								1.4	8.7
SW	.3	1.5	1.9	1.2								3.9	8.0
WSW	.1	1.7	1.5	.6								3.2	7.3
W	.1	2.1	2.4	1.8		.1						6.5	8.9
WNW	.2	1.5	2.5	1.4	.4							5.1	8.3
NW	.7	1.7	1.8	1.7	.1							5.3	8.3
NNW	.4	1.7	1.8	1.8								5.0	8.3
VARBL													
CALM												1.7	
	3.6	25.4	42.9	25.0	1.2	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 72

CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

199 STATION JACKSONVILLE FL 77-80 YEARS NOV NORTH  
STATION NAME CLASS 1607-0000  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.7	2.2	.3								5.3	6.2
NNE	1.2	2.2	2.1	.7								6.2	6.7
NE	1.4	3.5	2.4	1.0	.1							5.3	6.7
ENE	1.2	6.8	1.5	.1								10.3	5.1
E	1.7	5.8	.4									6.7	4.7
ESE	1.0	2.3	1.7									4.4	5.1
SE	1.7	6.2	2.2	.4								10.5	5.4
SSE	1.1	2.4	.6	.1								4.6	4.9
S	.6	1.7	.9	.4								3.5	6.3
SSW	.3	.7	.1									1.1	4.5
SW	.7	2.6	1.1									4.4	5.5
WSW	.6	1.1	1.3									2.6	5.5
W	1.2	3.2	1.1	.3								5.8	5.3
WNW	.3	1.2	.6	.3								2.4	6.4
NW	.4	1.2	.7	.6								2.9	6.7
NNW	.1	1.4	1.7	.6								4.2	7.4
VARBL													
CALM												13.6	
	14.4	46.7	20.4	4.7	.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 720

UNITED STATES CLIMATOLOGY SERVICE  
 AFSS/STAC  
 WEATHER SERVICE/AFSS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 89 JACKSONVILLE FL STATION NAME 73-81 YEARS NCV  
ALL WEATHER 2100-2300  
 CLASS NOON (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.2	3.3	.1								1.6	5.9
NNE	1.2	.8	1.4	.3								3.7	6.1
NE	.8	1.9	1.4	1.0								5.1	7.3
ENE	1.1	1.5		.1								2.3	4.4
E	.8	2.1	.4									3.3	4.5
ESE	.8	1.5	.7									3.1	5.7
SE	1.2	1.7	1.0	.3								4.2	5.6
SSE	.4	1.5	.4									2.4	5.4
S	1.2	2.2	1.2	.4								2.1	5.9
SSW	.3	1.7	.1									2.1	4.6
SW	.1	2.1	.7	.1								3.1	5.8
WSW	.1	1.4	1.1									2.1	6.1
W	1.8	3.1	.6									5.4	4.5
WNW	1.8	3.1	.7	.6								6.1	5.3
NW	1.2	3.2	1.0	.6								6.5	5.3
NNW	.4	1.9	2.4	.6								5.3	6.9
VARBL													
CALM												30.6	
	16.1	32.9	16.4	4.0								120.7	3.7

TOTAL NUMBER OF OBSERVATIONS 720

MILITARY CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 89	JACKSONVILLE FL	73-80	NOV
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			NOV 89 (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.4	3.6	.7	.7							13.2	6.4
NNE	.6	1.1	2.1	1.3	.1							5.3	5.3
NE	.7	1.9	2.9	2.0	.2	.1						7.3	6.3
ENE	.7	2.3	1.6	.8	.1							5.4	7.1
E	.4	2.1	1.8	.5								4.3	6.8
ESE	.4	1.2	1.2	.5								3.3	7.3
SE	.7	2.3	1.2	.7	.1							4.7	6.9
SSE	.4	1.1	.6	.1								2.2	6.7
S	.6	2.3	2.3	.4	.0							5.1	6.3
SSW	.4	1.2	.5	.5								2.6	6.7
SW	.5	1.5	.9	.5	.1							3.4	6.3
WSW	.5	1.1	.9	.4								2.8	6.7
W	1.0	2.6	1.1	.7	.3	.3						5.5	6.3
WNW	1.4	2.3	1.0	1.0	.1							5.9	6.6
NW	1.5	3.1	1.6	1.3	.1							7.5	6.9
NNW	.6	2.5	2.3	.7	.2							6.1	6.9
VARBL													
CALM												15.2	
	11.5	32.3	24.5	12.2	.9	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5752

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFM 64-100 TAC  
 U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AS JACKSONVILLE FL STATION NAME 73-80 YEARS DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-0200  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.7	3.5	.8								11.0	6.3
NNE	.7	1.3	.5	.8								3.4	7.0
NE	.5	.7	.7	.8								2.7	6.1
ENE	.4	1.1	.1	.1								1.7	5.0
E		.5	.1									.7	5.0
ESE		.3										.3	4.5
SE	.4	1.1	.3	.1								1.9	5.1
SSE	.1	.3	.1									.5	5.3
S	.7	2.4	3.4	.8								7.3	7.2
SSW	.3	1.5	1.6	.4								3.8	7.3
SW	.7	2.3	1.2	.5								4.7	6.0
WSW	.8	4.1	.7	.5	.1							6.2	6.1
W	2.2	3.8	1.9	.4								6.2	5.3
WNW	2.2	3.5	1.3	.8								7.8	5.9
NW	1.9	3.9	2.7	.4	.1							9.0	6.1
NNW	.9	2.7	1.6	.5	.1							5.9	6.5
VARBL													
CALM												25.0	
	13.7	34.0	19.8	7.1	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 89 JACKSONVILLE FL 73-80 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.6	3.8	.3								10.5	6.2
NNE	.5	1.1	.7	1.2								3.5	8.1
NE	.1	.7	.4	.7	.1							2.0	9.1
ENE	.4	.5										.9	4.1
E	.4	.1	.1									.7	4.2
ESE	.1	.5	.3									.4	5.6
SE	.1	.4	.1	.1								.8	6.2
SSE	.4	.4	.4	.1								1.3	5.8
S	.5	2.0	2.6	.5								5.6	6.8
SSW	.3	2.0	1.3	.3								3.9	6.6
SW	.4	1.1	1.2	.1								2.8	6.5
WSW	.4	4.0	.7	.7	.1							5.9	6.5
W	2.0	6.2	1.1	.8		.1						10.2	5.8
WNW	2.6	3.1	1.7	.8	.4							8.6	6.4
NW	2.3	3.6	3.0	.9								9.8	6.1
NNW	1.5	2.3	2.6	.9	.1							7.4	7.7
VARBL													
CALM												24.7	
	14.2	32.7	19.9	7.5	.8	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFMTC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 89 JACKSONVILLE FL STATION NAME 73-83 YEARS DEC  
 MONTH 6-22-80  
 CLAS ALL WEATHER  
 COND MOVES (L.B.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.5	3.5	.7								12.2	5.5
NNE	.3	.5	.4	2.2	.1							3.5	13.4
NE	.3	.9	.1	.9								2.3	8.3
ENE	.1	.7	.3									1.1	5.1
E	.4	1.2										1.6	4.4
ESE	.5											.5	3.7
SE	.1	.4		.1								.7	6.0
SSE	.7	.7	.7	.1								1.7	6.2
S	.5	3.6	2.4	.7								7.3	6.6
SSW	.4	1.2	1.6	.1								4.0	6.1
SW	.2	2.4	.9	.1								4.3	5.5
WSW	.5	2.4	1.1	.4	.1							4.8	6.5
W	1.6	3.9	1.3	.9	.1							7.9	6.3
WNW	2.2	4.2	1.2	1.2	.5							5.3	6.6
NW	2.4	4.2	2.7	.7	.1							9.9	6.2
NNW	1.3	4.2	1.9	.4								7.8	5.9
VARBL													
CALM												21.0	
	14.7	36.6	18.1	8.6	1.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 744



CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
METEOROLOGICAL SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-89 JACKSONVILLE FL STATION NAME 73-80 YEARS DEC  
ALL WEATHER CLASS 1900-1100  
 CONDITION NOVRS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	5.4	5.7	2.6								13.3	7.2
NNE		2.6	2.6	2.7								7.8	8.2
NE	.5	2.7	2.8	1.9	.3							7.5	8.0
ENE	.4	1.2	1.7	1.2								4.6	6.3
E	.4	.7	.7	.3								2.2	6.3
ESE	.1	1.2	.3	.4								2.0	7.3
SE	.5	.8	.5	.1								2.0	6.0
SSE	.4	.4	.9	.5								2.3	7.9
S	.5	2.2	2.8	2.8								9.3	8.8
SSW	.1	.4	1.9	.7								3.1	8.6
SW	.1	1.6	2.4	1.1								5.2	7.9
WSW	.4	1.6	.8	.3								3.1	6.0
W	.3	2.7	3.0	1.2	.9							7.4	9.1
WNW	.1	2.0	2.7	2.2	.5							7.5	9.4
NW	.5	3.1	3.4	1.5	.4							8.9	8.3
NNW	.5	3.6	3.4	1.2	.3							9.3	7.9
VARBL													
CALM												5.1	
	6.3	30.3	34.5	20.6	2.4							101.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 29 JACKSONVILLE FL STATION NAME 73-80 YEARS D.C.  
 MONTHS 1200-1400  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.4	2.6	.8	.3							7.1	7.5
NNE		.3	1.6	3.4	.3							2.2	11.2
NE	.5	1.2	2.3	4.6	.4							9.0	10.6
ENE	.1	1.3	2.4	1.6	.3							5.8	9.4
E	.4	1.5	2.4	1.6								5.9	8.5
ESE	.1	.3	1.1	.7		.1						2.8	6.9
SE	.3	.3	1.2	1.3								3.1	9.9
SSE		.5	.8	.3	.4							2.0	10.3
S	.4	2.4	2.2	3.4	.1							8.5	9.1
SSW	.1	.9	1.6	2.0								4.7	9.7
SW	.1	.5	3.2	1.1	.1							5.1	9.7
WSW	.4	.9	2.0	1.7	.1							5.2	9.1
W	.1	1.3	3.9	2.2	.9							3.5	10.0
WNW	.1	1.5	3.4	3.4	1.6							9.9	10.9
NW	.3	2.2	4.3	2.6	.9							10.2	9.5
NNW	.3	2.2	1.3	1.1								4.8	7.4
VARBL													
CALM												1.1	
	3.5	21.9	36.3	31.6	5.5	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH  
AFETAC  
U.S. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 89 STATION JACKSONVILLE FL 77-80 YEARS DEC MONTH  
ALL WEATHER CLASS 1980-1981 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	2.3	.4								3.2	7.1
NNE		1.1	1.9	2.7	.1							5.8	10.8
NE	.1	1.1	3.6	5.1	.1							10.1	10.6
ENE	.1	1.2	4.3	2.6								8.2	9.3
E	.1	2.7	3.8	.4								6.3	7.7
ESE	.1	.7	1.2	.7								3.7	8.3
SE	.1	.4	1.9	1.1								3.5	9.4
SSE	.1	.5	.8	.7	.1							3.3	9.2
S	.1	2.3	3.6	.3								6.0	7.8
SSW	.5	.1	2.7	1.5								4.6	9.1
SW	.5	1.2	1.9	1.9								5.5	8.9
WSW		1.3	2.3	1.3	.1							5.1	8.8
W	.4	2.2	5.0	1.3	.3							7.1	8.3
WNW		1.5	3.1	5.1	1.1							10.8	11.2
NW	.1	3.2	3.4	1.7	.8							9.3	8.6
NNW	.1	1.9	1.1	.7	.1							3.9	7.9
VARBL													
CALM												1.3	
	5.2	22.4	42.7	27.4	2.3							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 39 JACKSONVILLE FL STATION NAME 73-81 YEARS 1892-1977  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.2	2.8	.3								7.4	6.1
NNE	.7	2.3	2.3	1.5								5.3	7.9
NE	1.3	2.4	2.7	2.8	.1							7.4	6.1
ENE	.5	5.6	1.1	.4								7.7	5.3
E	.3	3.5	1.1									4.3	5.4
ESE	.7	1.2	.3	.1								2.3	5.1
SE	.7	3.7	.7	.1								4.4	5.4
SSE	.4	2.3	1.1									3.3	5.6
S	.5	2.6	1.2	.5								4.3	6.5
SSW	.1	.7	.7	1.2								2.7	9.1
SW	.4	2.6	2.0	.8								2.3	6.3
WSW	1.2	1.5	.7	.7	.1							4.2	6.4
W	.7	3.4	2.7	.3								7.0	6.2
WNW	1.5	2.7	1.3	1.1	.1							6.0	6.6
NW	.9	2.6	2.3	1.7	.1							7.7	7.9
NNW	.1	2.2	1.1	.4								2.2	6.5
VARBL													
CALM												12.0	
	10.8	40.9	23.9	12.0	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 74

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 89 JACKSONVILLE FL STATION NAME 73-80 YEARS 010  
ALL WEATHER NORTH  
CLASS 2100-2300  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.6	2.8	1.1								10.0	6.8
NNE	.5	2.2	1.3	.7								4.7	7.1
NE	.7	1.1	1.5	1.1								4.3	7.7
ENE	.9	2.2	.4	.1								3.0	4.0
E	.5	.7	.7									1.3	4.0
ESE		.4	.1									.5	6.3
SE	.5	1.3	.4									2.3	4.3
SSE	.7	1.2	.7		.1							.7	5.3
S	.3	2.8	2.7	.5								6.3	7.7
SSW		.9	1.2	.5								2.7	5.3
SW	.9	2.7	1.1	.5								5.1	6.4
WSW	1.5	3.1	2.9	.4	.3							7.1	6.9
W	.9	5.1	2.2	.7								3.7	5.3
WNW	.7	2.6	1.1	.7	.3							3.2	7.1
NW	.5	2.4	2.8	.7								6.5	6.9
NNW	.5	2.1	1.9	.7								5.1	6.8
VARBL													
CALM												2.0	
	10.2	36.2	22.3	7.7	.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE DIVISION  
 AFMPC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 59 JACKSONVILLE FL STATION NAME 73-94 YEARS DEC  
ALL WEATHER MONTH ALL  
 CLASS ALL  
 CONDITION ALL  
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.3	3.3	.9	.7							1.3	6.5
NNE	.3	1.5	1.4	1.9	.1							5.1	5.0
NE	.5	1.3	1.8	2.2	.1							5.9	4.8
ENE	.4	1.7	1.3	.8	.3							5.2	7.4
E	.3	1.3	1.1	.3								2.9	6.7
ESE	.2	.6	.4	.2		.1						1.5	7.1
SE	.4	1.7	.6	.4								.3	6.3
SSE	.3	.3	.7	.2	.1							2.1	7.1
S	.5	2.5	2.6	1.2	.7							5.8	7.6
SSW	.2	1.1	1.6	.8								3.7	6.1
SW	.5	1.8	1.7	.8	.7							4.6	7.3
WSW	.7	2.4	1.3	.8	.1							5.2	7.7
W	1.7	3.5	2.6	1.0	.3	.0						5.4	7.1
WNW	1.2	2.5	2.7	1.9	.6							5.1	8.3
NW	1.1	3.1	3.1	1.3	.3							6.9	7.5
NNW	.7	2.6	1.8	.7	.1							6.7	6.9
VARBL													
CALM												14.1	
	5.6	31.3	27.2	15.3	1.8	.0						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 5952

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-89 JACKSONVILLE FL STATION NAME 73-31 YEARS ALL  
 CLASS ALL WEATHER MONTH ALL  
 CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	1.8	.4	.0	.0						2.3	6.3
NNE	.4	1.1	1.2	.8	.1	.0						3.5	7.3
NE	.5	1.6	1.6	1.5	.2	.0						3.3	6.3
ENE	.5	2.3	1.7	1.3	.1							3.6	7.3
E	.4	1.3	2.3	1.2	.7							3.7	7.3
ESE	.3	1.4	1.7	.9	.0	.0						4.3	7.7
SE	.7	2.1	1.9	1.0	.0	.0						3.7	7.3
SSE	.5	1.3	1.0	.3	.0	.0	.0					3.2	6.7
S	.9	3.1	2.1	.8	.0	.0						7.0	6.6
SSW	.5	1.8	1.3	.5	.0	.0						4.1	6.7
SW	.7	2.5	1.9	.8	.1	.0						6.0	7.3
WSW	.6	2.1	1.7	.8	.1	.0	.0					3.3	7.3
W	1.3	2.6	1.8	.9	.1	.0						6.5	7.3
WNW	1.3	1.8	1.3	1.0	.2	.0						2.4	7.3
NW	1.1	2.2	1.6	1.0	.1	.0						3.3	7.1
NNW	.6	1.5	1.2	.4	.0	.0						4.0	6.8
VARBL													
CALM												10.1	
	11.0	32.0	26.1	13.5	1.1	.2	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 72119

42 CLIMATOLOGY BRANCH  
TAC  
FATH. SE VICE / TAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 39 JACKSONVILLE FL STATION NAME 73-81 YEARS ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT CLASS

CONDITION

CIG 30 TO 1400 FT W/ VSBY 1/2 MI OR MORE.

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	5.1	5.1	1.1	.7							10.7	1.7
NNE	.4	1.6	3.5	3.7	.2							8.7	2.3
NE	.7	2.4	3.3	3.7	.4	.7						10.5	4.3
ENE	.7	1.6	1.5	.6	.1							4.5	7.3
E	.3	1.2	.9	.3	.7							2.7	3.3
ESE	.1	.3	.7	.3	.7	.7						2.7	7.4
SE	.4	1.1	.6	.2	.1	.7						2.3	6.5
SSE	.4	.3	.7	.2	.7							2.3	6.3
S	.4	2.3	1.8	.8	.7	.7						2.4	7.1
SSW	.4	1.6	1.7	.4	.7							4.1	7.3
SW	.4	1.7	1.9	.7	.1							4.3	7.3
WSW	.3	1.3	1.6	.3	.1	.1						4.1	7.2
W	.7	2.1	1.6	.5	.7	.7						4.3	6.3
WNW	1.7	1.6	1.3	.6	.1	.7						4.6	7.1
NW	1.2	2.1	2.7	1.1	.1	.7						6.5	7.3
NNW	.4	2.3	2.7	.6	.7							5.6	6.3
VARBL													
CALM												14.4	
	9.5	30.7	30.1	14.4	1.3	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 6126



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	22.6	48.5	51.5	53.1	54.3	55.0	55.2	55.2	55.2	55.6	55.9	55.9	56.2	56.2	57.7	58.6
≥ 20000	23.3	52.7	55.8	57.4	59.0	59.7	59.9	59.9	59.9	60.5	60.8	60.8	61.2	61.2	62.6	63.6
≥ 18000	23.3	52.7	55.8	57.4	59.0	59.7	59.9	59.9	59.9	60.5	60.8	60.8	61.2	61.2	62.6	63.6
≥ 16000	23.3	52.7	55.8	57.4	59.0	59.7	59.9	59.9	59.9	60.5	60.8	60.8	61.2	61.2	62.6	63.6
≥ 14000	23.4	52.8	55.9	57.5	59.1	59.8	60.1	60.1	60.1	60.6	60.9	60.9	61.3	61.3	62.8	63.7
≥ 12000	23.4	53.5	56.6	58.2	59.8	60.5	60.8	60.8	60.8	61.3	61.6	61.6	62.0	62.0	63.4	64.4
≥ 10000	23.9	57.4	60.5	62.1	63.7	64.4	64.8	64.8	64.8	65.3	65.6	65.6	66.0	66.0	67.5	68.4
≥ 9000	24.1	58.5	61.6	63.2	64.8	65.5	65.9	65.9	65.9	66.4	66.7	66.7	67.1	67.1	68.5	69.5
≥ 8000	24.1	59.7	62.8	64.4	66.1	66.8	67.2	67.2	67.2	67.7	68.0	68.0	68.4	68.4	69.9	70.8
≥ 7000	24.5	60.8	63.8	65.5	67.2	67.9	68.3	68.3	68.3	68.8	69.1	69.1	69.5	69.5	71.0	71.9
≥ 6000	24.7	62.1	65.2	66.9	68.7	69.4	69.8	69.8	69.8	70.3	70.6	70.6	71.0	71.0	72.4	73.4
≥ 5000	24.7	63.2	66.3	68.0	69.8	70.4	70.8	70.8	70.8	71.4	71.6	71.6	72.0	72.0	73.5	74.5
≥ 4500	25.1	64.1	67.3	69.1	70.8	71.5	71.9	71.9	71.9	72.4	72.7	72.7	73.1	73.1	74.6	75.5
≥ 4000	25.4	66.1	69.6	71.4	73.1	73.8	74.2	74.2	74.2	74.7	75.0	75.0	75.4	75.4	76.9	77.8
≥ 3500	25.4	66.8	70.4	72.2	73.9	74.6	75.0	75.0	75.0	75.5	75.8	75.8	76.3	76.3	77.8	78.8
≥ 3000	25.4	68.5	72.2	74.1	75.8	76.5	76.9	77.0	77.0	77.6	77.8	77.8	78.4	78.4	79.8	80.8
≥ 2500	26.2	70.8	74.5	76.3	78.1	78.8	79.2	79.3	79.3	79.8	80.1	80.1	80.6	80.6	82.1	83.1
≥ 2000	26.5	71.9	75.1	77.3	79.0	79.7	80.1	80.2	80.2	80.8	81.0	81.0	81.6	81.6	83.1	84.0
≥ 1800	26.5	71.9	75.9	78.2	80.1	80.8	81.3	81.5	81.5	82.0	82.3	82.3	82.8	82.8	84.3	85.2
≥ 1500	26.5	73.5	77.6	80.1	82.0	82.7	83.2	83.3	83.3	83.9	84.1	84.1	84.7	84.7	86.2	87.1
≥ 1200	26.5	73.9	78.1	80.8	82.7	83.3	83.9	84.0	84.0	84.5	84.8	84.8	85.3	85.3	86.8	87.8
≥ 1000	26.5	75.1	79.3	82.1	84.1	84.8	85.3	85.5	85.5	86.0	86.3	86.3	86.8	86.8	88.3	89.2
≥ 900	26.6	76.2	80.4	83.2	85.2	85.9	86.4	86.6	86.6	87.1	87.4	87.4	87.9	87.9	89.4	90.3
≥ 800	26.7	76.7	80.9	83.7	85.6	86.4	87.0	87.1	87.1	87.6	87.9	87.9	88.6	88.6	90.1	91.0
≥ 700	26.9	77.3	81.6	84.4	86.6	87.2	87.8	87.9	87.9	88.4	88.7	88.7	89.4	89.4	90.9	91.8
≥ 600	26.9	77.8	82.3	85.1	87.2	87.9	88.4	88.6	88.6	89.1	89.4	89.4	90.1	90.1	91.5	92.5
≥ 500	26.9	78.0	82.4	85.2	87.4	88.0	88.6	88.7	88.7	89.2	89.5	89.5	90.2	90.2	91.7	92.6
≥ 400	26.9	78.2	83.1	86.6	88.7	89.4	89.9	90.1	90.1	90.6	90.9	90.9	91.5	91.5	93.0	94.0
≥ 300	26.9	78.2	83.1	86.6	88.7	89.5	90.5	90.7	91.0	91.9	92.2	92.2	93.0	93.0	94.5	95.6
≥ 200	26.9	78.2	83.1	86.6	88.7	89.5	90.6	90.9	91.4	92.3	93.4	93.4	94.6	94.6	96.2	97.3
≥ 100	26.9	78.2	83.1	86.6	88.7	89.5	90.6	90.9	91.4	92.3	93.4	93.4	94.6	94.6	97.2	98.9
≥ 0	26.9	78.2	83.1	86.6	88.7	89.5	90.6	90.9	91.4	92.3	93.5	93.5	94.8	94.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0330-0500  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4
NO CEILING	19.4	44.2	47.7	49.7	50.7	51.3	52.2	52.4	52.4	53.0	53.0	53.0	53.4	53.5	54.7	55.2
≥ 20000	20.4	47.8	51.3	53.4	54.4	55.1	55.9	56.2	56.3	56.9	57.0	57.0	57.4	57.5	58.9	59.4
≥ 18000	20.4	47.8	51.3	53.4	54.4	55.1	55.9	56.2	56.3	56.9	57.0	57.0	57.4	57.5	58.9	59.4
≥ 16000	20.4	47.8	51.3	53.4	54.4	55.1	55.9	56.2	56.3	56.9	57.0	57.0	57.4	57.5	58.9	59.4
≥ 14000	20.4	47.8	51.3	53.4	54.4	55.1	55.9	56.3	56.5	57.0	57.1	57.1	57.5	57.7	59.0	59.5
≥ 12000	20.4	48.9	52.4	54.4	55.6	56.3	57.1	57.5	57.7	58.2	58.3	58.3	58.7	58.9	60.2	62.8
≥ 10000	21.2	52.4	56.2	58.2	59.4	60.1	61.3	61.7	61.8	62.4	62.5	62.5	62.9	63.0	64.4	64.9
≥ 9000	21.6	53.4	57.3	59.3	60.5	61.2	62.4	62.8	62.9	63.4	63.6	63.6	64.0	64.1	65.5	66.0
≥ 8000	21.6	54.2	58.1	60.1	61.3	62.0	63.2	63.6	63.7	64.2	64.4	64.4	64.8	64.9	66.3	66.8
≥ 7000	21.9	54.8	58.7	60.9	62.1	62.9	64.1	64.5	64.7	65.2	65.3	65.3	65.7	65.9	67.2	67.7
≥ 6000	21.9	55.9	59.9	62.1	63.3	64.1	65.3	65.7	65.9	66.4	66.5	66.5	66.9	67.1	68.4	69.0
≥ 5000	21.9	57.7	61.7	63.8	65.1	65.9	67.1	67.5	67.6	68.1	68.3	68.3	68.7	68.8	70.2	70.7
≥ 4500	22.3	58.5	62.6	64.8	66.0	66.8	68.0	68.4	68.5	69.1	69.2	69.2	69.6	69.8	71.1	71.6
≥ 4000	22.4	60.5	65.3	67.6	68.8	69.6	70.8	71.2	71.4	71.9	72.0	72.0	72.4	72.6	73.9	74.5
≥ 3500	22.4	61.4	66.3	68.7	69.9	70.7	71.9	72.3	72.4	73.0	73.1	73.1	73.5	73.7	75.0	75.5
≥ 3000	22.7	62.8	67.9	70.4	71.6	72.4	73.7	74.1	74.2	74.7	74.9	74.9	75.3	75.4	76.7	77.3
≥ 2500	23.1	63.8	69.1	71.8	73.0	73.8	75.0	75.4	75.5	76.1	76.2	76.2	76.6	76.7	78.1	78.6
≥ 2000	23.3	65.1	70.2	73.3	74.5	75.3	76.5	76.9	77.0	77.6	77.7	77.7	78.1	78.2	79.6	80.1
≥ 1800	23.4	66.0	71.1	74.2	75.4	76.2	77.4	77.8	78.0	78.5	78.6	78.6	79.0	79.2	80.5	81.0
≥ 1500	23.5	67.5	73.0	76.1	77.3	78.1	79.3	79.7	79.8	80.4	80.5	80.5	80.9	81.0	82.4	82.9
≥ 1200	23.5	69.0	74.5	77.6	78.8	79.6	80.8	81.2	81.3	81.9	82.0	82.0	82.4	82.5	83.9	84.4
≥ 1000	23.7	69.8	75.3	78.5	79.7	80.5	81.7	82.1	82.3	82.8	82.9	82.9	83.3	83.5	84.8	85.3
≥ 900	23.7	70.2	75.8	79.2	80.4	81.2	82.4	82.8	82.9	83.5	83.6	83.6	84.0	84.1	85.5	86.0
≥ 800	23.7	70.3	76.1	79.6	80.8	81.6	82.8	83.2	83.3	83.9	84.0	84.0	84.4	84.5	85.9	86.4
≥ 700	23.7	70.6	76.3	80.0	81.2	82.0	83.2	83.6	83.7	84.3	84.4	84.4	84.8	84.9	86.3	86.8
≥ 600	23.7	71.0	76.9	80.9	82.1	82.9	84.1	84.5	84.7	85.2	85.3	85.3	85.8	85.9	87.2	87.8
≥ 500	23.7	71.4	77.6	81.9	83.2	84.0	85.2	85.6	85.8	86.4	86.6	86.6	87.0	87.1	88.4	89.0
≥ 400	23.7	71.5	77.8	82.8	84.7	85.5	87.0	87.4	87.5	88.2	88.3	88.3	88.7	88.8	90.2	90.7
≥ 300	23.7	71.8	78.2	83.2	85.2	86.0	87.9	88.3	88.4	89.8	90.1	90.1	90.5	90.6	91.9	92.5
≥ 200	23.7	71.8	78.2	83.3	85.5	86.3	88.7	89.1	89.2	90.7	91.0	91.0	91.9	92.3	94.1	94.8
≥ 100	23.7	71.8	78.2	83.3	85.5	86.3	88.7	89.2	89.7	91.1	91.4	91.4	92.5	92.9	95.6	97.6
≥ 0	23.7	71.8	78.2	83.3	85.5	86.3	88.7	89.2	89.7	91.1	91.4	91.4	92.5	92.9	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	17.6	38.6	41.4	44.1	44.9	44.9	46.3	46.4	46.4	46.9	46.9	47.0	47.4	47.6	48.3	48.9
≥2000	18.8	44.2	47.3	50.3	51.3	51.3	52.4	53.0	53.0	53.6	53.9	54.0	54.4	54.6	55.4	56.0
≥1800	18.8	44.2	47.3	50.3	51.3	51.3	52.4	53.0	53.0	53.6	53.9	54.0	54.4	54.6	55.4	56.0
≥1600	18.8	44.2	47.3	50.3	51.3	51.3	52.4	53.0	53.0	53.6	53.9	54.0	54.4	54.6	55.4	56.0
≥1400	18.8	44.2	47.3	50.3	51.3	51.3	52.4	53.0	53.0	53.6	53.9	54.0	54.4	54.6	55.4	56.0
≥1200	19.2	45.6	48.8	51.7	52.8	52.8	53.9	54.4	54.4	55.1	55.4	55.5	55.9	56.0	56.9	57.5
≥1000	19.6	46.9	50.7	53.6	54.7	54.7	55.9	56.5	56.5	57.1	57.4	57.5	57.9	58.1	58.9	59.5
≥900	19.6	47.7	51.4	54.4	55.5	55.5	57.0	57.5	57.5	58.2	58.5	58.6	59.0	59.1	60.1	60.8
≥800	20.6	50.6	54.6	57.9	58.6	58.6	60.1	60.6	60.6	61.3	61.6	61.7	62.1	62.2	63.2	64.1
≥700	20.6	51.1	54.8	57.8	58.9	58.9	60.3	60.9	60.9	61.6	61.8	62.1	62.5	62.6	63.6	64.5
≥600	20.6	51.9	55.2	58.3	59.4	59.4	60.9	61.4	61.4	62.1	62.4	62.6	63.0	63.2	64.1	65.1
≥500	20.6	53.2	57.9	60.6	61.8	61.8	63.3	63.8	63.8	64.5	64.8	65.1	65.5	65.6	66.5	67.5
≥450	21.7	53.9	58.2	61.4	62.6	62.6	64.1	64.7	64.7	65.3	65.6	65.9	66.3	66.4	67.3	68.3
≥400	21.2	55.2	59.8	63.2	64.4	64.4	65.9	66.4	66.4	67.1	67.3	67.6	68.0	68.1	69.1	70.0
≥350	21.2	55.9	60.6	64.1	65.5	65.5	66.9	67.5	67.5	68.3	68.5	68.8	69.2	69.4	70.3	71.2
≥300	21.4	57.1	62.0	65.6	66.9	66.9	68.4	69.0	69.0	69.8	70.0	70.3	70.7	70.8	71.9	72.8
≥250	21.6	58.1	63.3	66.9	68.3	68.3	69.9	70.4	70.4	71.4	71.6	71.9	72.3	72.4	73.5	74.5
≥200	21.8	59.6	65.3	69.1	70.4	70.4	72.0	72.6	72.6	73.7	73.9	74.2	74.6	74.7	75.8	76.7
≥180	21.9	60.6	66.3	70.2	71.5	71.5	73.1	73.7	73.7	74.7	75.0	75.3	75.7	75.9	76.9	77.8
≥150	22.3	62.6	68.4	72.6	74.1	74.1	75.7	76.2	76.2	77.3	77.6	77.8	78.2	78.4	79.4	80.4
≥120	22.6	64.4	70.2	74.6	76.2	76.2	77.8	78.4	78.4	79.4	79.7	80.0	80.4	80.5	81.6	82.5
≥100	22.6	65.1	70.8	75.4	77.2	77.2	79.0	79.6	79.6	80.6	80.9	81.2	81.6	81.7	82.8	83.7
≥90	22.6	65.6	71.6	76.5	78.2	78.2	80.1	80.6	80.6	81.7	82.0	82.3	82.7	82.8	83.9	84.8
≥80	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥70	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥60	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥50	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥40	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥30	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥20	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥10	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5
≥0	22.6	66.1	72.4	77.2	78.9	78.9	80.8	81.3	81.3	82.4	82.7	82.9	83.3	83.5	84.5	85.5

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	21.2	44.0	46.8	47.8	48.3	48.3	48.5	49.2	49.3	49.7	49.7	49.7	50.0	50.0	50.1	50.5
≥ 20000	24.7	51.2	54.2	55.5	55.9	55.9	56.2	56.9	57.3	57.7	57.7	57.7	57.9	57.9	58.1	58.5
≥ 18000	24.7	51.2	54.2	55.5	55.9	55.9	56.2	56.9	57.3	57.7	57.7	57.7	57.9	57.9	58.1	58.5
≥ 16000	24.9	51.3	54.3	55.6	56.0	56.0	56.3	57.0	57.4	57.8	57.8	57.8	58.1	58.1	58.2	58.6
≥ 14000	25.1	51.9	54.8	56.2	56.6	56.7	57.0	57.7	58.1	58.5	58.5	58.5	58.7	58.7	58.9	59.3
≥ 12000	25.3	53.0	56.0	57.4	57.8	57.9	58.2	58.9	59.3	59.7	59.7	59.7	59.9	59.9	60.1	60.5
≥ 10000	25.9	55.5	58.9	60.2	60.6	60.8	61.0	61.7	62.1	62.5	62.5	62.5	62.8	62.8	62.9	63.3
≥ 9000	25.9	55.9	59.5	61.0	61.4	61.6	62.0	62.6	63.0	63.4	63.4	63.4	63.7	63.7	63.8	64.2
≥ 8000	26.7	58.5	62.1	63.7	64.1	64.2	64.7	65.3	65.7	66.3	66.3	66.3	66.5	66.5	66.7	67.1
≥ 7000	26.9	58.7	62.4	64.0	64.4	64.5	64.9	65.6	66.0	66.5	66.5	66.5	66.8	66.8	66.9	67.3
≥ 6000	27.0	59.1	62.8	64.4	64.8	64.9	65.3	66.0	66.4	66.9	66.9	66.9	67.2	67.2	67.3	67.7
≥ 5000	27.8	61.6	65.2	67.1	67.6	67.7	68.1	68.8	69.2	69.8	69.8	69.8	70.0	70.0	70.2	70.6
≥ 4500	28.0	62.4	66.0	67.9	68.5	68.7	69.1	69.8	70.2	70.7	70.7	70.7	71.0	71.0	71.1	71.5
≥ 4000	28.0	63.4	67.2	69.1	69.8	69.9	70.3	71.0	71.4	71.9	71.9	71.9	72.2	72.2	72.3	72.7
≥ 3500	28.0	63.6	67.3	69.2	69.9	70.2	70.6	71.2	71.6	72.2	72.2	72.2	72.4	72.4	72.6	73.0
≥ 3000	28.0	64.7	68.5	70.6	71.2	71.5	71.9	72.6	73.0	73.5	73.5	73.5	73.8	73.8	73.9	74.5
≥ 2500	28.1	65.6	69.5	71.5	72.2	72.4	72.8	73.5	73.9	74.5	74.5	74.5	74.7	74.7	74.9	75.4
≥ 2000	29.4	67.3	71.2	73.7	74.3	74.6	75.0	75.7	76.1	76.6	76.6	76.6	76.9	76.9	77.0	77.6
≥ 1800	28.6	68.7	72.7	75.4	76.1	76.3	76.9	77.6	78.0	78.5	78.5	78.5	78.8	78.8	78.9	79.4
≥ 1500	28.6	69.9	74.1	77.2	78.0	78.2	78.8	79.6	80.0	80.5	80.5	80.5	80.8	80.8	80.9	81.5
≥ 1200	28.9	71.8	75.9	79.0	80.0	80.4	81.0	82.0	82.4	82.9	82.9	82.9	83.2	83.2	83.3	83.9
≥ 1000	29.0	73.3	77.6	80.6	81.6	82.1	82.9	84.0	84.4	84.9	84.9	84.9	85.2	85.2	85.3	85.9
≥ 900	29.0	73.8	78.2	81.3	82.4	82.9	83.7	84.9	85.3	85.9	85.9	85.9	86.2	86.2	86.3	86.8
≥ 800	29.0	74.1	78.5	81.9	82.9	83.5	84.5	85.8	86.2	86.7	86.7	86.7	87.0	87.0	87.1	87.6
≥ 700	29.0	74.3	78.9	82.3	83.3	84.0	85.1	86.3	86.8	87.4	87.4	87.4	87.6	87.6	87.8	88.3
≥ 600	29.0	74.5	79.0	82.8	83.9	84.9	86.2	87.6	88.2	88.7	88.7	88.7	89.0	89.0	89.1	89.7
≥ 500	29.0	74.5	79.0	83.2	84.5	85.6	87.0	88.7	89.7	90.6	90.6	90.6	90.9	90.9	91.0	91.5
≥ 400	29.0	74.5	79.0	83.7	85.1	86.3	87.9	89.7	90.6	92.5	92.5	92.5	92.7	92.7	92.9	93.4
≥ 300	29.0	74.5	79.0	83.9	85.2	86.6	88.3	90.2	91.4	93.7	93.7	93.7	94.4	94.4	94.6	95.2
≥ 200	29.0	74.5	79.0	83.9	85.2	86.6	88.3	90.2	91.4	94.2	94.5	94.5	95.7	96.0	96.5	97.4
≥ 100	29.0	74.5	79.0	83.9	85.2	86.6	88.3	90.2	91.4	94.2	94.5	94.5	95.7	96.1	97.2	99.3
≥ 0	29.0	74.5	79.0	83.9	85.2	86.6	88.3	90.2	91.4	94.2	94.5	94.5	95.7	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.4	49.6	57.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	32.4	61.6	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IN 18000	32.4	61.6	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IN 16000	32.8	62.0	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IN 14000	33.4	63.0	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IN 12000	33.5	64.0	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IN 10000	34.0	66.0	67.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IN 9000	34.1	66.1	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IN 8000	35.9	69.1	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IN 7000	35.9	69.2	70.8	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
IN 6000	35.9	70.0	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
IN 5000	36.0	73.0	74.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
IN 4500	36.2	73.1	74.7	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
IN 4000	36.3	74.6	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
IN 3500	36.4	75.3	77.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IN 3000	36.6	76.6	78.4	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
IN 2500	37.0	79.2	81.3	81.6	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IN 2000	37.1	81.6	83.9	84.1	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IN 1800	37.5	82.7	84.9	85.2	85.8	85.8	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IN 1500	38.4	84.9	87.4	87.6	88.2	88.2	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IN 1200	38.4	85.6	88.0	88.4	89.0	89.0	89.2	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IN 1000	38.6	86.4	88.8	89.2	89.8	89.9	90.3	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IN 900	38.6	86.6	89.2	89.7	90.6	91.0	91.4	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IN 800	38.6	86.7	89.4	89.8	90.7	91.3	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IN 700	38.6	86.7	89.4	89.8	90.9	91.5	91.9	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IN 600	38.6	87.0	89.8	90.3	91.8	93.1	93.7	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IN 500	38.7	87.1	90.5	91.4	93.0	94.5	95.2	95.4	95.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
IN 400	38.7	87.1	90.5	91.5	93.1	94.6	95.7	96.1	96.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IN 300	38.7	87.1	90.5	91.5	93.1	94.6	96.0	96.4	96.9	98.8	99.1	99.1	99.2	99.2	99.2	99.2
IN 200	38.7	87.1	90.5	91.5	93.1	94.6	96.0	96.4	96.9	98.9	99.6	99.6	99.9	99.9	99.9	99.9
IN 100	38.7	87.1	90.5	91.5	93.1	94.6	96.0	96.4	96.9	98.9	99.6	99.6	99.9	99.9	99.9	99.9
IN 0	38.7	87.1	90.5	91.5	93.1	94.6	96.0	96.4	96.9	98.9	99.6	99.6	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744



CLIMATOLGY BRANCH  
 METAC  
 WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.8	53.8	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	34.3	54.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	34.3	64.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	34.7	65.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	35.5	66.4	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	36.4	68.4	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	37.1	71.9	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	37.1	72.3	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	37.6	74.9	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	37.8	75.3	77.0	77.4	77.7	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	37.9	75.7	77.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	38.4	77.2	78.9	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	38.7	77.8	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	39.7	79.6	81.5	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	39.9	80.6	82.5	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	40.2	81.7	83.7	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	40.5	83.2	85.3	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	40.6	84.1	86.3	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	40.9	84.9	87.2	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	41.7	87.0	89.2	90.1	90.5	90.5	90.5	90.5	90.5	90.6	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	41.7	87.8	90.1	90.9	91.3	91.8	91.8	91.9	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	41.7	88.0	90.7	91.5	92.1	92.6	92.6	92.9	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	41.7	88.2	90.9	91.7	92.3	93.1	93.1	93.4	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	41.7	88.2	91.1	92.1	92.7	93.5	93.5	93.8	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	41.7	88.3	91.4	92.3	93.0	94.1	94.1	94.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	41.7	88.4	91.9	92.9	93.7	94.8	94.9	95.3	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	41.7	88.8	92.6	93.5	94.6	95.7	96.4	96.8	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	41.7	88.8	92.6	93.5	94.8	95.8	96.9	97.7	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	41.7	88.8	92.6	93.5	94.8	95.8	97.2	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.7	88.8	92.6	93.5	94.8	95.8	97.2	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.7	88.8	92.6	93.5	94.8	95.8	97.2	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.7	88.8	92.6	93.5	94.8	95.8	97.2	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2  
FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥¼	≥0
NO CEILING ≥ 20000	28.8	55.6	56.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
≥ 18000	31.2	64.1	65.3	65.9	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.7	66.7
≥ 16000	31.7	64.7	65.9	66.4	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 14000	31.8	65.2	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 12000	32.3	66.4	67.7	68.3	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 10000	33.2	69.2	70.6	71.1	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 9000	33.2	69.6	71.0	71.5	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 8000	34.0	71.9	73.7	74.3	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 7000	34.4	73.5	75.3	76.1	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2
≥ 6000	34.7	74.1	75.9	76.7	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 5000	35.3	75.5	77.6	78.4	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 4500	35.3	76.1	78.1	78.9	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.0
≥ 4000	36.0	77.7	80.0	80.9	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 3500	36.4	79.4	81.7	82.7	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 3000	36.4	81.0	83.3	84.3	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 2500	36.4	81.6	84.0	84.9	85.8	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 2000	36.7	83.5	85.9	86.8	87.8	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1800	36.7	83.7	86.2	87.1	88.0	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 1500	36.8	84.8	87.2	88.2	89.1	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1200	36.9	85.6	88.0	89.0	89.9	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1000	37.0	86.7	89.2	90.3	91.3	91.5	91.7	91.7	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1
≥ 900	37.0	87.0	89.5	90.6	91.5	91.8	91.9	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3
≥ 800	37.0	87.4	90.5	91.8	92.9	93.1	93.3	93.3	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7
≥ 700	37.1	87.5	90.6	91.9	93.0	93.4	93.5	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1
≥ 600	37.0	87.6	90.9	92.2	93.3	94.0	94.1	94.2	94.2	94.5	94.6	94.6	94.8	94.8	94.8	94.8
≥ 500	37.0	88.0	91.4	92.9	94.1	95.0	95.2	95.4	95.4	95.7	95.8	95.8	96.0	96.0	96.1	96.1
≥ 400	37.0	88.0	91.8	93.3	94.5	95.4	95.6	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.2	97.2
≥ 300	37.0	88.0	91.8	93.3	94.5	95.4	95.7	96.8	96.9	97.7	98.1	98.1	98.3	98.3	98.4	98.4
≥ 200	37.0	88.0	91.8	93.3	94.5	95.4	95.7	96.8	96.9	97.7	98.3	98.3	98.7	98.7	98.8	98.8
≥ 100	37.0	88.0	91.8	93.3	94.5	95.4	95.7	96.8	96.9	97.7	98.3	98.3	98.9	98.9	99.5	99.7
≥ 0	37.0	88.0	91.8	93.3	94.5	95.4	95.7	96.8	96.9	97.7	98.3	98.3	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

2  
FEDERAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-89  
STATION

JACKSONVILLE FL  
STATION NAME

74-61  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	25.7	52.3	53.9	55.8	56.6	56.9	57.5	57.5	57.7	57.8	57.9	57.9	58.6	58.7	58.9	59.1
≥ 20000	27.7	57.5	59.5	61.4	62.5	62.8	63.4	63.4	63.6	63.8	64.0	64.0	64.7	64.8	64.9	65.2
≥ 18000	27.7	57.5	59.5	61.4	62.5	62.8	63.4	63.4	63.6	63.8	64.0	64.0	64.7	64.8	64.9	65.2
≥ 16000	27.7	57.5	59.5	61.4	62.5	62.8	63.4	63.4	63.6	63.8	64.0	64.0	64.7	64.8	64.9	65.2
≥ 14000	28.4	58.5	60.5	62.4	63.4	63.7	64.4	64.4	64.5	64.8	64.9	64.9	65.6	65.7	65.9	66.1
≥ 12000	28.4	59.0	61.0	62.9	64.0	64.2	64.9	64.9	65.1	65.3	65.5	65.5	66.1	66.3	66.4	66.7
≥ 10000	29.7	62.9	64.9	66.8	67.9	68.1	68.8	68.8	69.0	69.2	69.4	69.4	70.0	70.2	70.3	70.6
≥ 9000	29.8	63.2	65.2	67.1	68.1	68.4	69.1	69.1	69.2	69.5	69.6	69.6	70.3	70.4	70.6	70.8
≥ 8000	30.0	65.5	67.6	69.5	70.6	70.8	71.5	71.5	71.6	71.9	72.0	72.0	72.7	72.8	73.0	73.3
≥ 7000	30.4	67.3	69.6	71.5	72.6	72.8	73.5	73.5	73.7	73.9	74.1	74.1	74.7	74.9	75.0	75.3
≥ 6000	30.6	67.7	70.0	71.9	73.0	73.3	73.9	73.9	74.1	74.3	74.5	74.5	75.1	75.3	75.4	75.7
≥ 5000	30.6	69.9	72.2	74.2	75.3	75.5	76.2	76.2	76.3	76.6	76.7	76.7	77.4	77.6	77.7	78.0
≥ 4500	30.9	70.7	73.7	75.0	76.1	76.3	77.0	77.0	77.2	77.4	77.6	77.6	78.2	78.4	78.5	78.8
≥ 4000	30.9	71.9	74.3	76.5	77.6	77.8	78.5	78.5	78.6	78.9	79.0	79.0	79.7	79.8	80.0	80.2
≥ 3500	30.9	72.7	75.3	77.6	78.6	78.9	79.6	79.6	79.7	80.0	80.1	80.1	80.8	80.9	81.0	81.3
≥ 3000	31.2	75.1	77.8	80.1	81.2	81.5	82.1	82.1	82.3	82.5	82.7	82.7	83.3	83.5	83.6	83.9
≥ 2500	31.3	77.2	79.8	82.1	83.2	83.5	84.1	84.1	84.3	84.5	84.7	84.7	85.3	85.5	85.6	85.9
≥ 2000	31.7	78.1	81.0	83.5	84.5	84.8	85.5	85.5	85.6	85.9	86.0	86.0	86.7	86.8	87.0	87.0
≥ 1800	31.7	78.9	82.0	84.4	85.5	85.8	86.4	86.4	86.6	86.8	87.0	87.0	87.6	87.8	87.9	88.2
≥ 1500	32.3	80.2	83.5	86.0	87.1	87.4	88.0	88.0	88.2	88.4	88.6	88.6	89.2	89.4	89.5	89.8
≥ 1200	32.3	80.9	84.1	86.7	87.8	88.0	88.7	88.7	88.8	89.1	89.2	89.2	89.9	90.1	90.2	90.5
≥ 1000	32.4	81.5	84.8	87.4	88.4	88.7	89.4	89.4	89.5	89.8	89.9	89.9	90.6	90.7	90.9	91.1
≥ 900	32.4	82.5	85.9	88.4	89.5	89.8	90.5	90.5	90.6	90.9	91.0	91.0	91.7	91.8	91.9	92.2
≥ 800	32.4	82.9	86.4	89.1	90.2	90.5	91.1	91.1	91.3	91.5	91.7	91.7	92.3	92.5	92.6	92.9
≥ 700	32.4	83.2	86.7	89.4	90.6	90.9	91.5	91.5	91.7	91.9	92.1	92.1	92.7	92.9	93.0	93.3
≥ 600	32.4	83.7	87.2	89.9	91.1	91.4	92.1	92.1	92.2	92.5	92.6	92.6	93.3	93.4	93.5	93.8
≥ 500	32.4	84.0	87.9	90.7	91.9	92.2	92.9	92.9	93.0	93.3	93.4	93.4	94.1	94.2	94.4	94.6
≥ 400	32.4	84.1	88.2	91.1	92.5	92.7	93.4	93.4	93.5	94.0	94.1	94.1	94.8	94.9	95.0	95.3
≥ 300	32.4	84.1	88.2	91.1	92.5	92.7	93.7	93.7	93.8	94.4	94.5	94.5	95.2	95.3	95.4	95.7
≥ 200	32.4	84.1	88.2	91.1	92.5	92.7	93.7	94.0	94.2	95.0	95.8	95.8	96.6	97.0	97.4	97.8
≥ 100	32.4	84.1	88.2	91.1	92.5	92.7	93.7	94.0	94.2	95.0	96.1	96.2	97.2	97.6	98.0	99.7
≥ 0	32.4	84.1	88.2	91.1	92.5	92.7	93.7	94.0	94.2	95.0	96.1	96.2	97.2	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

JA

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO RECORD	24.1	43.3	50.3	51.5	52.2	52.4	52.8	52.9	53.1	53.2	53.3	53.3	53.6	53.5	54.1	54.4
≥ 2000	26.6	55.5	57.7	59.1	59.8	60.0	60.4	60.6	60.7	61.0	61.1	61.1	61.4	61.5	62.0	62.3
≥ 1800	26.6	55.5	57.8	59.1	59.9	60.1	60.5	60.7	60.8	61.1	61.2	61.2	61.5	61.5	62.0	62.4
≥ 1600	26.3	55.7	57.9	59.3	60.0	60.2	60.6	60.8	60.9	61.2	61.3	61.3	61.6	61.7	62.2	62.5
≥ 1400	27.1	56.2	58.5	59.8	60.6	60.8	61.2	61.4	61.5	61.8	61.9	61.9	62.2	62.3	62.8	63.1
≥ 1200	27.4	57.3	59.7	61.0	61.8	62.0	62.4	62.6	62.7	63.0	63.1	63.1	63.4	63.5	64.0	64.3
≥ 1000	28.1	60.3	62.8	64.1	64.9	65.1	65.6	65.8	65.9	66.2	66.3	66.3	66.6	66.6	67.1	67.3
≥ 900	26.2	60.8	63.4	64.8	65.6	65.8	66.3	66.5	66.6	66.9	67.0	67.0	67.3	67.4	67.9	68.2
≥ 800	28.3	63.1	65.9	67.2	68.1	68.3	68.8	69.0	69.1	69.4	69.5	69.5	69.8	69.9	70.4	70.5
≥ 700	29.0	63.8	66.6	68.0	68.9	69.1	69.7	69.9	69.9	70.3	70.4	70.5	70.7	70.8	71.3	71.7
≥ 6000	29.2	64.5	67.3	68.8	69.6	69.9	70.4	70.6	70.7	71.1	71.2	71.2	71.5	71.5	72.0	72.4
≥ 5000	29.5	66.4	69.2	70.8	71.7	71.9	72.4	72.6	72.7	73.1	73.2	73.3	73.5	73.6	74.1	74.5
≥ 4500	29.7	67.1	69.9	71.5	72.4	72.7	73.2	73.4	73.5	73.9	74.0	74.0	74.3	74.3	74.8	75.2
≥ 4000	30.0	68.6	71.8	73.4	74.3	74.6	75.1	75.3	75.4	75.8	75.9	75.9	76.2	76.2	76.7	77.1
≥ 3500	30.1	69.5	72.6	74.3	75.3	75.5	76.1	76.3	76.3	76.7	76.8	76.9	77.2	77.2	77.7	78.1
≥ 3000	30.2	71.0	74.2	76.0	76.9	77.2	77.7	77.9	78.0	78.4	78.5	78.6	78.9	78.9	79.4	79.8
≥ 2500	30.5	72.4	75.8	77.7	78.6	78.9	79.5	79.7	79.8	80.2	80.3	80.3	80.6	80.7	81.2	81.6
≥ 2000	30.7	73.9	77.4	79.4	80.3	80.6	81.2	81.4	81.5	81.9	82.0	82.1	82.4	82.4	82.9	83.4
≥ 1800	30.9	74.7	78.3	80.3	81.4	81.6	82.2	82.5	82.5	83.0	83.1	83.1	83.5	83.5	84.0	84.4
≥ 1500	31.3	76.3	80.0	82.2	83.3	83.6	84.2	84.4	84.5	85.0	85.1	85.1	85.4	85.5	86.0	86.4
≥ 1200	31.3	77.4	81.1	83.4	84.4	84.8	85.5	85.7	85.8	86.3	86.4	86.4	86.7	86.8	87.3	87.7
≥ 1000	31.4	78.2	82.1	84.4	85.5	85.9	86.6	86.9	87.0	87.5	87.7	87.7	88.0	88.0	88.6	89.0
≥ 900	31.4	78.7	82.7	85.1	86.3	86.7	87.4	87.8	87.9	88.4	88.5	88.5	88.8	88.9	89.4	89.8
≥ 800	31.5	79.0	83.2	85.6	86.9	87.3	88.1	88.4	88.5	89.0	89.1	89.2	89.5	89.5	90.1	90.5
≥ 700	31.5	79.3	83.4	85.9	87.2	87.6	88.5	88.9	89.0	89.5	89.7	89.7	90.0	90.1	90.6	91.0
≥ 600	31.5	79.6	83.9	86.5	87.9	88.6	89.4	89.8	89.9	90.5	90.6	90.6	90.9	91.0	91.5	91.9
≥ 500	31.5	79.8	84.4	87.2	88.7	89.5	90.4	90.9	91.1	91.8	92.0	92.0	92.3	92.4	92.9	93.3
≥ 400	31.5	79.9	84.6	87.7	89.3	90.1	91.2	91.9	92.2	93.1	93.3	93.3	93.6	93.7	94.2	94.6
≥ 300	31.5	80.0	84.7	87.8	89.4	90.3	91.7	92.4	92.8	94.2	94.4	94.4	94.9	94.9	95.5	95.9
≥ 200	31.5	80.0	84.7	87.8	89.5	90.3	91.8	92.6	93.1	94.6	95.1	95.1	95.9	96.1	96.8	97.4
≥ 100	31.5	80.0	84.7	87.8	89.5	90.3	91.8	92.6	93.1	94.6	95.2	95.2	96.2	96.4	97.6	99.1
≥ 0	31.5	80.0	84.7	87.8	89.5	90.3	91.8	92.6	93.1	94.6	95.2	95.3	96.2	96.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5950

2  
JULIAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1. 89 JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	16.1	56.6	59.0	61.2	61.8	62.5	62.7	62.7	63.0	63.1	63.3	63.3	63.6	63.6	63.6	63.6
≥ 20000	18.1	63.1	65.5	68.0	68.6	69.3	69.5	69.5	69.8	69.9	70.1	70.1	70.4	70.4	70.4	70.4
≥ 18000	18.1	63.1	65.5	68.0	68.6	69.3	69.5	69.5	69.8	69.9	70.1	70.1	70.4	70.4	70.4	70.4
≥ 16000	18.1	63.1	65.5	68.0	68.6	69.3	69.5	69.5	69.8	69.9	70.1	70.1	70.4	70.4	70.4	70.4
≥ 14000	18.1	63.7	66.4	68.6	69.2	69.9	70.1	70.1	70.4	70.5	70.6	70.6	70.9	70.9	70.9	70.9
≥ 12000	18.1	64.2	66.8	69.0	69.6	70.4	70.5	70.5	70.8	70.9	71.1	71.1	71.4	71.4	71.4	71.4
≥ 10000	18.6	65.9	68.6	70.8	71.4	72.1	72.3	72.3	72.6	72.7	72.9	72.9	73.2	73.2	73.2	73.2
≥ 9000	18.6	66.2	68.9	71.1	71.7	72.4	72.6	72.6	72.9	73.0	73.2	73.2	73.5	73.5	73.5	73.5
≥ 8000	18.7	66.8	69.5	71.7	72.3	73.0	73.2	73.2	73.5	73.6	73.7	73.7	74.0	74.0	74.0	74.0
≥ 7000	19.2	70.2	72.9	75.1	76.0	76.7	76.8	76.8	77.1	77.3	77.4	77.4	77.7	77.7	77.7	77.7
≥ 6000	19.2	70.6	73.3	75.5	76.4	77.1	77.3	77.3	77.6	77.7	77.9	77.9	78.2	78.2	78.2	78.2
≥ 5000	19.3	71.8	74.6	77.0	78.0	78.8	79.1	79.1	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9
≥ 4500	19.3	72.3	75.1	77.4	78.5	79.2	79.5	79.6	79.9	80.1	80.2	80.2	80.5	80.5	80.5	80.5
≥ 4000	19.3	73.5	76.3	78.6	79.6	80.4	80.7	80.8	81.1	81.3	81.4	81.4	81.7	81.7	81.7	81.7
≥ 3500	19.3	74.2	77.0	79.5	80.5	81.3	81.6	81.7	82.0	82.2	82.3	82.3	82.6	82.6	82.6	82.6
≥ 3000	19.9	76.7	79.5	82.2	83.2	83.9	84.2	84.4	84.7	84.8	85.0	85.0	85.3	85.3	85.3	85.3
≥ 2500	20.4	78.0	80.8	83.5	84.5	85.3	85.5	85.7	86.0	86.1	86.3	86.3	86.6	86.6	86.6	86.6
≥ 2000	20.5	79.9	82.7	85.4	86.4	87.2	87.5	87.6	87.9	88.1	88.2	88.2	88.5	88.5	88.5	88.5
≥ 1800	20.6	80.8	83.6	86.3	87.3	88.1	88.3	88.5	88.8	88.9	89.1	89.1	89.4	89.4	89.4	89.4
≥ 1500	21.1	82.0	85.0	87.6	88.6	89.4	89.8	90.0	90.3	90.4	90.6	90.6	90.9	90.9	90.9	90.9
≥ 1200	21.1	82.7	85.7	88.6	89.7	90.4	90.9	91.0	91.3	91.4	91.6	91.6	91.9	91.9	91.9	91.9
≥ 1000	21.1	83.5	86.4	89.4	90.4	91.3	91.9	92.0	92.3	92.5	92.6	92.6	92.9	92.9	92.9	92.9
≥ 900	21.1	84.1	87.7	90.0	91.0	91.9	92.5	92.6	92.9	93.1	93.2	93.2	93.5	93.5	93.5	93.5
≥ 800	21.1	84.2	87.2	90.1	91.2	92.0	92.6	92.8	93.1	93.2	93.4	93.4	93.7	93.7	93.7	93.7
≥ 700	21.1	84.5	87.6	90.6	91.6	92.5	93.1	93.2	93.5	93.7	93.8	93.8	94.1	94.1	94.1	94.1
≥ 600	21.1	84.7	87.8	90.7	91.7	92.6	93.5	93.7	94.0	94.1	94.2	94.2	94.5	94.5	94.5	94.5
≥ 500	21.1	85.3	88.3	91.7	92.8	93.7	94.7	95.3	95.6	95.7	95.9	95.9	96.2	96.2	96.2	96.2
≥ 400	21.1	85.4	88.5	91.9	93.1	94.2	95.4	96.0	96.3	96.6	96.8	96.8	97.1	97.1	97.1	97.1
≥ 300	21.1	85.4	88.5	92.0	93.4	94.8	96.2	96.8	97.1	97.3	97.5	97.5	97.8	97.8	97.8	97.8
≥ 200	21.1	85.5	88.6	92.2	93.5	95.0	96.5	97.1	97.3	97.9	98.2	98.2	98.8	98.8	98.8	98.8
≥ 100	21.1	85.5	88.6	92.2	93.5	95.0	96.5	97.1	97.3	97.9	98.2	98.2	98.8	98.8	99.3	99.7
≥ 0	21.1	85.5	88.6	92.2	93.5	95.0	96.5	97.1	97.3	97.9	98.2	98.2	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	10.9	47.3	50.7	54.0	54.4	54.6	55.6	55.8	56.0	56.5	57.1	57.1	57.8	57.8	58.0	58.1
≥ 2000	11.7	51.8	55.2	58.4	59.1	59.3	60.3	60.5	60.8	61.2	61.8	61.8	62.5	62.5	62.7	62.8
≥ 1800	11.7	51.8	55.2	58.4	59.1	59.3	60.3	60.5	60.8	61.2	61.8	61.8	62.5	62.5	62.7	62.8
≥ 1600	11.7	51.8	55.2	58.4	59.1	59.3	60.3	60.5	60.8	61.2	61.8	61.8	62.5	62.5	62.7	62.8
≥ 1400	11.7	51.8	55.3	58.6	59.3	59.4	60.5	60.6	60.9	61.4	61.9	61.9	62.7	62.7	62.9	63.0
≥ 1200	11.7	52.4	55.8	59.0	59.7	59.9	60.9	61.1	61.4	61.8	62.4	62.4	63.1	63.1	63.3	63.4
≥ 1000	11.8	54.4	58.0	61.2	61.9	62.1	63.1	63.3	63.6	64.0	64.6	64.6	65.5	65.5	65.6	65.8
≥ 900	11.3	55.0	58.6	61.8	62.5	62.7	63.7	63.9	64.2	64.6	65.2	65.2	66.1	66.1	66.2	66.4
≥ 800	12.2	55.9	59.4	62.7	63.4	63.6	64.6	64.7	65.0	65.5	66.1	66.1	67.0	67.0	67.1	67.3
≥ 700	12.3	57.7	61.5	64.7	65.5	65.6	66.8	67.0	67.3	67.7	68.3	68.3	69.2	69.2	69.3	69.5
≥ 600	12.5	58.1	62.1	65.3	66.1	66.2	67.4	67.6	67.8	68.3	68.9	68.9	69.8	69.8	69.9	70.1
≥ 500	12.7	60.0	64.0	67.3	68.0	68.1	69.3	69.5	69.8	70.2	70.8	70.8	71.7	71.7	71.8	72.0
≥ 450	12.7	61.1	65.2	68.4	69.2	69.3	70.5	70.6	70.9	71.4	72.0	72.0	72.9	72.9	73.0	73.2
≥ 400	13.0	63.3	67.4	70.8	71.5	71.7	72.9	73.0	73.3	73.7	74.3	74.3	75.2	75.2	75.4	75.6
≥ 350	13.7	63.9	68.0	71.4	72.1	72.3	73.5	73.6	73.9	74.3	74.9	74.9	75.8	75.8	76.0	76.1
≥ 300	13.3	65.3	69.8	73.5	74.2	74.3	75.5	75.7	76.0	76.4	77.0	77.0	77.9	77.9	78.0	78.2
≥ 250	13.3	67.1	72.0	75.7	76.7	76.8	78.0	78.3	78.6	79.1	79.6	79.6	80.5	80.5	80.7	80.8
≥ 200	13.3	67.8	72.9	76.5	77.6	77.7	78.9	79.2	79.5	80.1	80.7	80.7	81.6	81.6	81.7	81.9
≥ 180	13.6	69.0	74.0	77.7	78.8	78.9	80.1	80.4	80.7	81.3	81.9	81.9	82.7	82.7	82.9	83.1
≥ 150	13.7	71.5	76.5	80.2	81.3	81.4	82.6	82.9	83.2	83.8	84.4	84.4	85.3	85.3	85.4	85.5
≥ 120	13.7	73.2	78.2	82.0	83.0	83.2	84.4	84.7	85.0	85.5	86.1	86.1	87.0	87.0	87.2	87.3
≥ 100	13.9	74.0	79.2	83.0	84.1	84.2	85.5	85.8	86.1	86.7	87.3	87.3	88.3	88.3	88.5	88.6
≥ 90	13.9	74.3	79.6	83.5	84.5	84.7	86.0	86.3	86.6	87.2	87.8	87.8	88.8	88.8	88.9	89.1
≥ 80	13.9	74.8	80.1	83.9	85.0	85.1	86.4	86.9	87.2	87.8	88.3	88.3	89.4	89.4	89.5	89.7
≥ 70	13.9	75.5	81.1	85.0	86.0	86.1	87.5	87.9	88.2	88.8	89.4	89.4	90.4	90.4	90.6	90.7
≥ 60	13.9	76.0	81.6	85.5	86.7	86.9	88.2	88.6	88.9	89.7	90.3	90.3	91.3	91.3	91.4	91.6
≥ 50	13.9	76.7	82.6	86.6	87.9	88.1	90.0	90.7	91.0	91.7	92.3	92.3	93.4	93.4	93.5	93.7
≥ 40	13.9	77.0	82.9	87.3	88.6	88.9	91.0	91.7	92.0	93.1	93.7	93.7	94.7	94.7	94.8	95.0
≥ 30	13.9	77.0	82.9	87.3	89.1	89.2	91.9	92.8	93.1	94.8	95.6	95.6	96.6	96.6	96.8	96.9
≥ 20	13.9	77.0	83.2	87.6	89.4	89.5	92.5	93.4	93.8	96.0	96.8	96.8	98.1	98.2	98.4	98.7
≥ 10	13.9	77.0	83.2	87.6	89.4	89.5	92.5	93.4	93.8	96.0	96.8	96.8	98.2	98.4	99.0	99.9
≥ 0	13.9	77.0	83.2	87.6	89.4	89.5	92.5	93.4	93.8	96.0	96.8	96.8	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

METEOROLOGICAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-01

FEB

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	10.0	41.4	44.2	48.5	50.0	51.2	51.9	52.2	52.4	52.5	52.8	52.8	53.1	53.1	53.5	53.5
≥ 20000	10.5	44.1	47.6	52.1	53.8	55.3	56.3	56.6	56.8	56.9	57.2	57.2	57.5	57.5	58.0	58.0
≥ 18000	10.5	44.1	47.6	52.1	53.8	55.3	56.3	56.6	56.8	56.9	57.2	57.2	57.5	57.5	58.0	58.0
≥ 16000	10.5	44.1	47.6	52.1	53.8	55.3	56.3	56.6	56.8	56.9	57.2	57.2	57.5	57.5	58.0	58.0
≥ 14000	10.5	44.1	47.6	52.1	53.8	55.3	56.3	56.6	56.8	56.9	57.2	57.2	57.5	57.5	58.0	58.0
≥ 12000	10.5	44.5	48.2	52.9	54.9	56.3	57.4	57.7	57.8	58.0	58.3	58.3	58.6	58.6	59.0	59.0
≥ 10000	11.1	47.5	51.6	56.3	58.4	59.9	60.9	61.2	61.4	61.5	61.8	61.8	62.1	62.1	62.5	62.5
≥ 9500	11.1	47.9	52.1	56.8	58.8	60.3	61.4	61.7	61.8	61.9	62.2	62.2	62.5	62.5	63.0	63.0
≥ 8000	11.4	50.1	54.3	59.1	61.2	62.8	63.9	64.2	64.3	64.5	64.7	64.7	65.0	65.0	65.5	65.5
≥ 7000	11.8	51.2	55.5	60.3	62.5	64.2	65.2	65.5	65.6	65.8	66.1	66.1	66.4	66.4	66.8	67.0
≥ 6000	11.3	51.6	55.9	60.8	63.0	64.6	65.6	65.9	66.1	66.2	66.5	66.5	66.8	66.8	67.3	67.4
≥ 5000	11.9	53.8	58.3	63.4	65.6	67.3	68.3	68.7	69.0	69.2	69.5	69.5	69.8	69.8	70.2	70.4
≥ 4500	12.1	54.3	58.7	63.9	66.1	67.7	68.7	69.2	69.5	69.6	69.9	69.9	70.2	70.2	70.6	70.8
≥ 4000	12.4	55.9	60.3	65.5	67.7	69.3	70.4	70.8	71.1	71.2	71.5	71.5	71.8	71.8	72.3	72.4
≥ 3500	12.5	56.8	61.2	66.4	68.6	70.5	71.5	72.0	72.3	72.4	72.7	72.7	73.0	73.0	73.5	73.6
≥ 3000	12.3	57.8	62.4	67.6	69.9	71.8	72.9	73.3	73.6	73.7	74.0	74.0	74.3	74.3	74.8	74.9
≥ 2500	13.3	59.4	64.6	69.9	72.3	74.3	75.4	75.8	76.1	76.4	76.7	76.7	77.0	77.0	77.4	77.6
≥ 2000	13.4	60.8	66.1	71.5	74.0	76.1	77.1	77.6	77.9	78.2	78.5	78.5	78.8	78.8	79.2	79.6
≥ 1800	13.7	61.4	66.8	72.3	74.8	76.8	78.0	78.5	78.8	79.1	79.4	79.4	79.6	79.6	80.1	80.5
≥ 1500	14.2	62.5	68.1	73.5	76.1	78.2	79.4	79.9	80.2	80.5	80.8	80.8	81.1	81.1	81.6	82.0
≥ 1200	14.2	63.0	68.4	74.5	77.1	79.2	80.7	81.3	81.6	81.9	82.2	82.2	82.4	82.4	82.9	83.3
≥ 1000	14.2	63.7	69.2	75.4	78.3	80.4	82.3	83.0	83.3	83.6	83.9	83.9	84.2	84.2	84.7	85.1
≥ 900	14.2	65.2	70.8	77.0	80.1	82.2	84.1	84.8	85.1	85.4	85.8	85.8	86.1	86.1	86.6	87.0
≥ 800	14.2	65.5	71.1	77.4	80.8	83.2	85.1	85.8	86.1	86.4	86.9	86.9	87.2	87.2	87.6	88.1
≥ 700	14.2	65.9	71.5	78.0	81.4	83.8	85.7	86.4	86.7	87.0	87.5	87.5	87.8	87.8	88.2	88.6
≥ 600	14.2	66.5	72.1	79.1	82.6	85.0	86.9	87.6	87.9	88.2	88.6	88.6	88.9	88.9	89.4	89.8
≥ 500	14.2	66.7	72.4	79.6	83.3	85.8	87.9	88.6	89.1	89.4	89.8	89.8	90.1	90.1	90.6	91.0
≥ 400	14.2	67.1	73.2	81.1	84.8	88.1	90.3	91.0	91.7	92.5	92.9	92.9	93.2	93.2	93.7	94.1
≥ 300	14.2	67.4	73.5	81.6	85.3	88.6	91.2	92.3	93.1	94.4	94.8	95.0	95.3	95.3	95.7	96.2
≥ 200	14.2	67.4	73.6	81.7	85.4	88.8	91.3	92.6	93.4	94.8	95.3	95.4	96.2	96.2	96.8	97.0
≥ 100	14.2	67.4	73.6	81.7	85.4	88.8	91.4	92.8	93.5	95.0	95.6	95.7	96.5	96.5	97.6	98.0
≥ 0	14.2	67.4	73.6	81.7	85.4	88.8	91.4	92.8	93.5	95.0	95.6	95.7	96.5	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 679

2  
GLOBAL CLIMATOLOGY BRANCH  
WAFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.7	43.7	46.5	46.5	49.0	49.4	49.9	49.9	49.9	50.0	50.0	50.0	50.3	50.3	50.6	50.9
≥ 20000	19.3	51.3	54.9	56.9	57.8	58.6	59.1	59.1	59.1	59.3	59.3	59.3	59.6	59.6	59.9	60.2
≥ 18000	19.3	51.3	54.9	56.9	57.8	58.6	59.1	59.1	59.1	59.3	59.3	59.3	59.6	59.6	59.9	60.2
≥ 16000	19.3	51.3	54.9	56.9	57.8	58.6	59.1	59.1	59.1	59.3	59.3	59.3	59.6	59.6	59.9	60.2
≥ 14000	19.5	51.6	55.2	57.2	58.1	58.8	59.4	59.4	59.4	59.6	59.6	59.6	59.9	59.9	60.2	60.5
≥ 12000	19.9	53.4	56.9	59.0	60.0	60.8	61.4	61.4	61.4	61.5	61.5	61.5	61.8	61.8	62.1	62.4
≥ 10000	20.8	56.5	60.9	63.3	64.5	65.2	65.9	65.9	65.9	66.1	66.1	66.1	66.4	66.4	66.7	67.0
≥ 9000	20.3	57.1	61.7	64.0	65.2	65.9	66.7	66.7	66.7	66.8	66.8	66.8	67.1	67.1	67.4	67.7
≥ 8000	21.2	59.3	64.0	66.5	67.7	68.4	69.2	69.2	69.2	69.3	69.3	69.3	69.6	69.6	69.9	70.2
≥ 7000	21.2	59.4	64.2	66.8	68.0	68.7	69.5	69.5	69.5	69.6	69.6	69.6	69.9	69.9	70.2	70.5
≥ 6000	21.5	60.2	64.9	68.0	69.2	69.9	70.6	70.6	70.6	70.8	70.8	70.8	71.1	71.1	71.4	71.7
≥ 5000	22.0	61.7	66.7	69.9	71.4	7.4	73.2	73.2	73.2	73.3	73.3	73.3	73.6	73.6	73.9	74.2
≥ 4500	22.4	62.5	67.6	70.8	72.3	73.3	74.0	74.0	74.0	74.2	74.2	74.2	74.5	74.5	74.8	75.1
≥ 4000	22.9	64.6	69.8	73.3	74.8	75.8	76.5	76.5	76.5	76.7	76.7	76.7	77.0	77.0	77.3	77.6
≥ 3500	22.9	65.0	70.2	73.7	75.2	76.3	77.0	77.1	77.1	77.3	77.3	77.3	77.6	77.6	77.9	78.2
≥ 3000	23.0	66.1	71.4	75.1	76.5	77.6	78.3	78.5	78.5	78.6	78.6	78.6	78.9	78.9	79.2	79.5
≥ 2500	23.2	68.1	73.5	77.4	79.1	80.1	80.8	81.0	81.0	81.1	81.1	81.1	81.4	81.4	81.7	82.0
≥ 2000	23.5	69.2	74.6	78.6	80.2	81.3	82.0	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.9	83.2
≥ 1800	23.6	69.8	75.4	79.4	81.0	82.0	82.7	82.9	82.9	83.0	83.0	83.0	83.3	83.3	83.6	83.9
≥ 1500	23.6	70.6	76.4	80.4	82.0	83.0	84.4	84.5	84.5	84.8	84.8	84.8	85.1	85.1	85.4	85.7
≥ 1200	23.7	71.7	77.7	81.7	83.3	84.5	85.8	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.9	87.2
≥ 1000	23.7	73.0	79.1	83.2	84.8	86.0	87.5	87.6	87.6	87.9	87.9	87.9	88.2	88.2	88.5	88.8
≥ 900	23.7	73.0	79.2	83.6	85.4	86.6	88.2	88.5	88.5	88.8	88.8	88.8	89.1	89.1	89.4	89.7
≥ 800	23.7	73.0	79.4	84.1	86.1	87.3	89.1	89.4	89.4	89.7	89.7	89.7	90.0	90.0	90.3	90.6
≥ 700	23.7	73.9	80.2	85.0	87.2	88.3	90.6	91.0	91.0	91.3	91.3	91.3	91.6	91.6	91.9	92.2
≥ 600	23.7	74.3	80.7	85.4	87.6	88.9	91.3	91.9	91.9	92.5	92.5	92.5	92.8	92.8	93.2	93.5
≥ 500	23.7	74.3	80.7	85.4	87.6	88.9	91.6	92.3	92.8	93.5	93.5	93.5	93.8	93.8	94.2	94.5
≥ 400	23.7	74.6	81.0	85.8	88.2	89.5	92.5	93.7	94.2	95.3	95.4	95.4	95.9	95.9	96.3	96.6
≥ 300	23.7	74.6	81.0	86.0	88.3	89.7	93.1	94.7	96.7	97.2	97.8	97.8	98.2	98.2	98.7	99.0
≥ 200	23.7	74.6	81.0	86.0	88.3	89.7	93.2	95.0	96.3	97.6	98.2	98.4	98.8	98.8	99.3	99.7
≥ 100	23.7	74.6	81.0	86.0	88.3	89.7	93.2	95.0	96.3	97.6	98.2	98.4	98.8	98.8	99.3	99.9
≥ 0	23.7	74.6	81.0	86.0	88.3	89.7	93.2	95.0	96.3	97.6	98.2	98.4	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 67



2  
 CLIMAT. CLIMATOLOGY BRANCH  
 METAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥⅓
NO CEILING	24.6	52.7	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	27.4	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 18000	27.4	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 16000	27.4	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 14000	27.4	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	28.7	62.4	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	28.5	64.6	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	28.5	65.5	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	28.5	67.6	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	28.8	68.6	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	28.9	69.2	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	28.9	70.2	71.1	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	28.9	70.6	71.5	72.1	72.1	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	29.1	72.1	73.2	73.9	73.9	74.5	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	29.1	73.2	74.2	74.9	74.9	75.5	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	29.5	77.1	78.3	79.2	79.2	79.8	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	30.4	81.4	82.7	83.6	83.6	84.2	84.4	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	30.9	83.6	85.1	86.3	86.4	87.0	87.3	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	31.0	84.1	85.5	86.7	86.9	87.5	87.8	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	31.1	85.7	87.8	89.1	89.2	90.1	90.4	90.4	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	31.1	86.1	88.3	89.8	90.0	90.9	91.2	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	31.1	86.4	89.1	90.7	91.0	92.0	92.3	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	31.1	86.7	89.5	91.3	91.6	92.8	93.2	93.2	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	31.1	86.9	89.7	91.6	91.9	93.1	93.5	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	31.1	87.2	90.0	92.0	92.5	93.7	94.4	94.5	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	31.1	87.3	90.3	92.3	92.9	94.1	95.6	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	31.1	87.3	90.6	92.8	93.7	94.8	96.3	96.9	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	31.1	87.3	90.6	92.8	93.8	95.0	96.6	97.5	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	31.1	87.3	90.6	92.8	93.8	95.0	96.6	97.9	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	31.1	87.3	90.6	92.8	93.8	95.0	96.6	97.9	98.8	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	31.1	87.3	90.6	92.8	93.8	95.0	96.6	97.9	98.8	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	31.1	87.3	90.6	92.8	93.8	95.0	96.6	97.9	98.8	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 676

2

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	24.7	52.4	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	27.3	63.7	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	27.3	63.7	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	27.3	63.9	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	27.9	64.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	29.2	68.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	30.1	71.1	72.3	72.4	72.4	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	30.1	71.8	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	30.3	74.0	75.5	75.7	75.7	75.7	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	30.8	75.1	76.5	76.7	76.7	76.7	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	31.0	75.2	76.7	76.8	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	31.4	76.5	78.1	78.2	78.2	78.2	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	31.4	77.0	78.5	78.6	78.6	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	31.9	77.9	81.7	81.9	81.9	81.9	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	32.0	80.7	82.6	82.7	82.7	82.7	82.9	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	32.6	83.2	85.3	85.4	85.4	85.4	85.5	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	33.2	85.5	87.6	87.9	87.9	87.9	88.1	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	33.2	86.4	88.5	88.9	88.9	88.9	89.1	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	33.2	87.0	89.1	89.5	89.7	89.7	89.8	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	33.2	87.6	89.7	90.3	90.6	90.6	90.7	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	33.2	87.9	90.3	91.0	91.3	91.3	91.4	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	33.2	88.5	90.9	91.6	92.0	92.0	92.2	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	33.2	88.6	91.2	91.9	92.5	92.5	92.8	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	33.2	88.8	91.4	92.2	93.4	93.6	94.8	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	33.2	88.9	91.6	92.3	93.7	94.1	95.1	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	33.2	89.1	91.9	92.6	94.0	94.5	96.2	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	33.2	89.1	91.9	92.6	94.0	94.5	96.3	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	33.2	89.1	91.9	93.1	94.4	95.0	97.3	97.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	33.2	89.1	91.9	93.1	94.4	95.0	97.3	97.9	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	33.2	89.1	91.9	93.1	94.4	95.0	97.3	97.9	98.5	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	33.2	89.1	91.9	93.1	94.4	95.0	97.3	97.9	98.5	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	33.2	89.1	91.9	93.1	94.4	95.0	97.3	97.9	98.5	99.6	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 678

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1950-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	24.6	57.2	57.7	57.7	58.0	58.1	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	29.1	68.6	69.5	69.6	69.9	70.1	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	29.1	68.7	69.6	69.8	70.1	70.2	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 16000	29.1	68.7	69.6	69.8	70.1	70.2	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	29.1	69.0	69.9	70.1	70.4	70.5	70.5	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	30.1	71.1	72.1	72.1	72.4	72.6	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	30.1	73.3	74.2	74.8	75.1	75.2	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	30.2	73.5	74.3	74.9	75.2	75.4	75.4	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	30.3	76.0	76.8	77.4	77.7	77.9	77.9	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	31.1	76.7	77.6	78.2	78.5	78.6	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	31.9	78.0	79.1	79.6	79.9	80.1	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	32.0	79.6	80.7	81.6	81.9	82.0	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	32.0	79.9	81.0	81.9	82.2	82.3	82.3	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	32.3	82.3	83.3	84.2	84.5	84.7	84.7	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	32.4	82.7	84.1	85.0	85.3	85.4	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	32.6	83.9	85.3	86.3	86.7	86.9	86.9	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	33.0	85.4	86.7	87.9	88.3	88.6	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	33.0	86.6	87.9	89.4	90.0	90.4	90.4	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	33.0	86.7	88.1	89.5	90.1	90.6	90.6	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	33.0	87.6	88.9	90.4	91.2	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	33.0	88.1	89.5	91.3	92.0	92.5	92.5	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	33.0	88.1	89.5	91.4	92.3	92.8	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	33.0	88.2	90.0	92.0	92.9	93.4	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	33.0	88.2	90.1	92.2	93.1	93.7	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	33.0	88.2	90.6	92.8	93.7	94.2	94.7	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	33.0	88.3	90.9	93.2	94.2	95.4	96.3	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	33.0	88.6	91.2	93.5	94.5	95.7	96.8	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	33.0	88.6	91.2	93.5	94.5	95.9	96.9	97.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	33.0	88.6	91.3	93.7	94.7	96.0	97.2	97.5	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	33.0	88.6	91.3	93.7	94.7	96.0	97.2	97.5	97.9	99.1	99.1	99.1	99.4	99.4	99.6	99.6
≥ 100	33.0	88.6	91.3	93.7	94.7	96.0	97.2	97.5	97.9	99.1	99.1	99.1	99.4	99.4	99.7	99.9
≥ 0	33.0	88.6	91.3	93.7	94.7	96.0	97.2	97.5	97.9	99.1	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 678

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1789

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	25.2	61.7	62.1	62.4	62.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.6
≥ 20000	27.6	69.5	70.5	70.8	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	72.0
≥ 18000	27.6	69.5	70.5	70.8	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	72.0
≥ 16000	27.6	69.5	70.5	70.8	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	72.0
≥ 14000	27.6	69.5	70.5	70.8	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	72.0
≥ 12000	28.0	70.8	72.0	72.4	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.6
≥ 10000	28.0	72.9	74.2	74.9	75.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.1
≥ 9000	28.3	73.2	74.5	75.2	75.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.4
≥ 8000	29.8	75.5	76.8	77.6	77.9	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.8
≥ 7000	29.1	77.1	78.5	79.2	79.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.4
≥ 6000	29.5	77.9	79.2	79.9	80.2	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.1
≥ 5000	29.5	78.5	79.8	80.5	81.0	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	82.0
≥ 4500	29.5	79.8	80.1	80.8	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.3
≥ 4000	29.6	80.2	81.6	82.4	82.9	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.9
≥ 3500	29.6	81.0	82.3	83.3	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.8
≥ 3000	30.2	82.2	83.5	84.8	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.3
≥ 2500	30.5	83.6	85.0	86.3	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.8
≥ 2000	30.8	85.1	86.4	87.9	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.4
≥ 1800	31.0	85.8	87.2	88.8	89.2	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.3
≥ 1500	31.3	86.9	88.3	90.0	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.6
≥ 1200	31.3	87.9	89.4	91.0	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.6
≥ 1000	31.3	88.2	89.7	91.3	92.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.2
≥ 900	31.3	88.6	90.3	91.9	92.6	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.8
≥ 800	31.3	88.6	90.6	92.2	93.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.2
≥ 700	31.3	88.6	90.6	92.2	93.1	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.5
≥ 600	31.3	89.1	90.9	92.5	93.4	94.1	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.4
≥ 500	31.3	89.1	90.9	92.6	94.0	94.8	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.8
≥ 400	31.3	89.2	91.0	92.8	94.1	95.3	96.3	96.6	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.3
≥ 300	31.3	89.4	91.2	92.9	94.2	95.6	96.8	97.1	97.6	98.1	98.1	98.1	98.1	98.2	98.2	98.5
≥ 200	31.3	89.4	91.2	92.9	94.2	95.7	96.9	97.2	98.1	98.5	98.5	98.5	98.5	98.7	98.7	99.3
≥ 100	31.3	89.4	91.2	92.9	94.2	95.7	96.9	97.2	98.1	98.5	98.5	98.5	98.5	98.7	98.7	99.6
≥ 0	31.3	89.4	91.2	92.9	94.2	95.7	96.9	97.2	98.1	98.5	98.5	98.5	98.5	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 676

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2  
GLOBAL CLIMATOLOGY BRANCH  
DAFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1789

JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.0	51.6	53.2	54.8	55.2	55.6	55.9	56.0	56.1	56.3	56.4	56.4	56.6	56.6	56.7	56.8
≥ 20000	21.4	59.1	61.2	62.8	63.3	63.8	64.2	64.2	64.3	64.5	64.6	64.6	64.9	64.9	65.0	65.0
≥ 18000	21.4	59.1	61.2	62.8	63.3	63.8	64.2	64.3	64.4	64.5	64.7	64.7	64.9	64.9	65.0	65.1
≥ 16000	21.4	59.2	61.2	62.8	63.4	63.8	64.2	64.3	64.4	64.5	64.7	64.7	64.9	64.9	65.0	65.1
≥ 14000	21.5	59.4	61.5	63.1	63.7	64.1	64.5	64.6	64.7	64.8	65.0	65.0	65.2	65.2	65.3	65.4
≥ 12000	22.0	60.9	63.0	64.6	65.2	65.7	66.1	66.1	66.2	66.4	66.5	66.5	66.8	66.8	66.9	66.9
≥ 10000	22.4	63.3	65.6	67.4	68.1	68.5	68.9	69.0	69.1	69.3	69.4	69.4	69.7	69.7	69.8	69.8
≥ 9000	22.4	63.8	66.2	68.0	68.6	69.1	69.5	69.5	69.6	69.8	69.9	69.9	70.2	70.2	70.3	70.4
≥ 8000	22.8	65.7	68.1	69.9	70.6	71.1	71.5	71.5	71.6	71.8	71.9	71.9	72.2	72.2	72.3	72.4
≥ 7000	23.1	67.0	69.5	71.4	72.1	72.5	73.0	73.0	73.1	73.3	73.4	73.4	73.7	73.7	73.8	73.9
≥ 6000	23.3	67.6	70.2	72.1	72.8	73.2	73.7	73.7	73.8	74.0	74.1	74.1	74.4	74.4	74.5	74.6
≥ 5000	23.5	69.0	71.6	73.7	74.5	75.0	75.5	75.6	75.7	75.8	76.0	76.0	76.2	76.2	76.3	76.4
≥ 4500	23.5	69.6	72.2	74.2	75.0	75.6	76.1	76.2	76.3	76.4	76.6	76.6	76.8	76.8	76.9	77.0
≥ 4000	23.3	71.5	74.2	76.3	77.1	77.7	78.2	78.3	78.4	78.6	78.7	78.7	79.0	79.0	79.1	79.2
≥ 3500	23.9	72.2	74.9	77.1	77.9	78.5	79.0	79.1	79.3	79.4	79.6	79.6	79.8	79.8	79.9	80.0
≥ 3000	24.3	74.0	76.9	79.2	80.1	80.7	81.2	81.3	81.4	81.6	81.7	81.7	82.0	82.0	82.1	82.2
≥ 2500	24.6	76.1	79.1	81.5	82.4	83.1	83.5	83.7	83.8	84.0	84.2	84.2	84.4	84.4	84.5	84.6
≥ 2000	24.8	77.4	80.5	83.1	84.0	84.7	85.2	85.3	85.5	85.7	85.8	85.8	86.1	86.1	86.2	86.3
≥ 1800	25.0	78.1	81.2	83.8	84.7	85.4	85.9	86.1	86.2	86.4	86.6	86.6	86.8	86.8	86.9	87.1
≥ 1500	25.1	79.3	82.6	85.2	86.2	86.9	87.5	87.7	87.8	88.1	88.2	88.2	88.5	88.5	88.6	88.7
≥ 1200	25.2	80.1	83.4	86.2	87.3	88.0	88.6	88.8	89.0	89.3	89.4	89.4	89.6	89.6	89.7	89.9
≥ 1000	25.2	80.7	84.1	87.0	88.1	88.9	89.7	89.9	90.0	90.3	90.4	90.4	90.7	90.7	90.8	90.9
≥ 900	25.2	81.1	84.7	87.6	88.8	89.6	90.4	90.7	90.8	91.1	91.3	91.3	91.5	91.5	91.6	91.8
≥ 800	25.2	81.3	84.9	88.0	89.3	90.2	91.2	91.4	91.6	91.9	92.0	92.0	92.3	92.3	92.4	92.5
≥ 700	25.2	81.6	85.4	88.5	89.9	90.8	91.9	92.2	92.4	92.7	92.8	92.8	93.1	93.1	93.2	93.3
≥ 600	25.2	81.9	85.7	88.9	90.4	91.4	92.8	93.2	93.4	93.8	93.9	93.9	94.2	94.2	94.3	94.5
≥ 500	25.2	82.1	86.1	89.4	91.0	92.1	93.7	94.2	94.5	95.0	95.1	95.1	95.4	95.4	95.5	95.7
≥ 400	25.2	82.3	86.3	89.8	91.5	92.7	94.5	95.2	95.6	96.3	96.5	96.5	96.8	96.8	96.9	97.0
≥ 300	25.2	82.4	86.3	89.9	91.6	93.0	95.0	95.9	96.5	97.4	97.7	97.7	98.0	98.0	98.2	98.3
≥ 200	25.2	82.4	86.4	90.0	91.7	93.1	95.2	96.1	96.8	97.9	98.2	98.2	98.7	98.7	99.0	99.2
≥ 100	25.2	82.4	86.4	90.0	91.7	93.1	95.2	96.1	96.8	97.9	98.2	98.3	98.8	98.8	99.3	99.7
≥ 0	25.2	82.4	86.4	90.0	91.7	93.1	95.2	96.1	96.8	97.9	98.2	98.3	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5424

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17889

JACKSONVILLE FL

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼
NO CEILING	17.7	56.7	59.5	61.7	62.1	62.2	62.8	63.0	63.0	63.0	63.3	63.3	63.4	63.4	64.7
≥ 20000	18.4	64.1	67.2	69.8	70.2	70.3	70.8	71.2	71.2	71.4	71.6	71.6	71.8	71.8	72.3
≥ 18000	18.4	64.1	67.2	69.8	70.2	70.3	70.8	71.2	71.2	71.4	71.6	71.6	71.8	71.8	72.3
≥ 16000	18.5	64.2	67.3	69.9	70.3	70.4	71.0	71.4	71.4	71.5	71.8	71.8	71.9	71.9	72.4
≥ 14000	18.5	64.4	67.5	70.0	70.4	70.6	71.1	71.5	71.5	71.6	71.9	71.9	72.0	72.0	72.6
≥ 12000	19.0	65.6	68.7	71.4	71.8	71.9	72.4	72.8	72.8	73.0	73.3	73.3	73.4	73.4	74.2
≥ 10000	19.1	66.8	69.9	72.6	73.0	73.1	73.7	74.2	74.2	74.3	74.6	74.6	74.7	74.7	75.3
≥ 9000	19.1	66.8	69.9	72.6	73.0	73.1	73.7	74.2	74.2	74.3	74.6	74.6	74.7	74.7	75.3
≥ 8000	19.6	69.0	72.0	74.7	75.3	75.5	76.1	76.6	76.6	76.7	77.0	77.0	77.2	77.2	77.7
≥ 7000	19.6	69.1	72.3	75.1	75.7	75.9	76.5	77.0	77.0	77.2	77.4	77.4	77.6	77.6	78.1
≥ 6000	19.9	70.3	73.5	76.3	76.9	77.2	77.7	78.2	78.2	78.4	78.6	78.6	78.8	78.8	79.3
≥ 5000	19.9	73.1	76.3	79.3	79.8	80.1	80.6	81.2	81.2	81.3	81.6	81.6	81.7	81.7	82.3
≥ 4500	19.9	73.5	76.7	79.7	80.2	80.5	81.0	81.6	81.6	81.7	82.0	82.0	82.1	82.1	82.7
≥ 4000	19.9	75.1	78.4	81.3	81.9	82.1	82.7	83.2	83.2	83.3	83.6	83.6	83.7	83.7	84.3
≥ 3500	20.4	76.1	79.3	82.3	82.9	83.2	83.7	84.3	84.3	84.4	84.7	84.7	84.8	84.8	85.3
≥ 3000	20.6	77.4	80.8	83.7	84.4	84.7	85.2	85.8	85.8	85.9	86.2	86.2	86.3	86.3	86.8
≥ 2500	21.0	79.7	83.1	86.2	86.8	87.1	87.6	88.2	88.3	88.6	88.6	88.7	88.7	89.2	89.5
≥ 2000	21.4	80.6	84.0	87.1	87.9	88.2	88.7	89.2	89.2	89.4	89.7	89.7	89.9	89.9	90.5
≥ 1800	21.5	81.2	84.7	87.8	88.6	88.8	89.4	89.9	89.9	90.2	90.5	90.5	90.7	90.7	91.3
≥ 1500	21.5	82.7	86.2	89.4	90.2	90.5	91.0	91.5	91.5	91.9	92.2	92.2	92.5	92.5	93.0
≥ 1200	21.5	83.2	86.7	90.1	91.0	91.3	91.8	92.3	92.3	92.9	93.1	93.1	93.4	93.4	94.0
≥ 1000	21.5	83.5	87.0	90.3	91.3	91.5	92.1	92.6	92.6	93.1	93.4	93.4	93.7	93.7	94.2
≥ 900	21.5	83.6	87.1	90.9	91.8	92.2	92.7	93.3	93.3	94.0	94.2	94.2	94.5	94.5	95.0
≥ 800	21.5	83.6	87.1	90.9	91.8	92.2	92.7	93.3	93.3	94.0	94.2	94.2	94.5	94.5	95.0
≥ 700	21.5	83.6	87.1	90.9	91.8	92.2	92.7	93.3	93.3	94.0	94.2	94.2	94.5	94.5	95.0
≥ 600	21.5	83.7	87.2	91.0	91.9	92.7	93.3	93.8	93.8	94.5	94.8	94.8	95.0	95.0	95.6
≥ 500	21.5	84.0	87.5	91.3	92.2	93.0	93.5	94.1	94.1	94.9	95.2	95.2	95.4	95.4	96.0
≥ 400	21.5	84.0	87.6	91.5	92.5	93.3	93.8	94.5	94.5	95.4	95.7	95.7	96.0	96.0	96.5
≥ 300	21.5	84.1	87.9	91.7	92.9	93.7	94.2	94.9	94.9	96.4	96.8	96.8	97.0	97.0	97.6
≥ 200	21.5	84.1	87.9	91.7	92.9	93.7	94.2	94.9	94.9	96.5	97.0	97.0	97.7	97.7	98.3
≥ 100	21.5	84.1	87.9	91.7	92.9	93.7	94.2	94.9	94.9	96.6	97.2	97.2	97.8	97.8	98.8
≥ 0	21.5	84.1	87.9	91.7	92.9	93.7	94.2	94.9	94.9	96.8	97.3	97.3	98.0	98.0	98.9

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17 89  
STATION

JACKSONVILLE FL  
STATION NAME

74-61  
YEARS

MAP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.7	48.9	52.4	54.7	55.9	56.3	57.1	57.3	57.3	57.3	57.3	57.5	57.5	57.5	58.5	58.7
≥ 20000	14.5	57.3	61.3	64.0	65.2	65.6	66.4	66.8	66.8	67.2	67.5	67.5	67.5	67.5	68.4	68.7
≥ 18000	14.5	57.3	61.3	64.0	65.2	65.6	66.4	66.8	66.8	67.2	67.5	67.5	67.5	67.5	68.4	68.7
≥ 16000	14.5	57.3	61.3	64.0	65.2	65.6	66.4	66.8	66.8	67.2	67.5	67.5	67.5	67.5	68.4	68.7
≥ 14000	14.5	57.3	61.3	64.0	65.2	65.6	66.4	66.8	66.8	67.2	67.5	67.5	67.5	67.5	68.4	68.7
≥ 12000	14.9	59.1	63.2	65.9	67.1	67.5	68.3	68.7	68.7	69.1	69.4	69.4	69.4	69.4	70.3	70.6
≥ 10000	15.1	60.5	64.7	67.3	68.5	69.0	69.8	70.2	70.2	70.6	70.8	70.8	70.8	70.8	71.8	72.0
≥ 9500	15.1	60.9	65.1	67.7	69.0	69.4	70.2	70.6	70.6	71.0	71.2	71.2	71.2	71.2	72.2	72.4
≥ 8000	15.2	62.2	66.4	69.1	70.3	70.7	71.5	71.9	71.9	72.3	72.6	72.6	72.6	72.6	73.5	73.8
≥ 7000	15.5	63.4	67.6	70.3	71.6	72.0	72.8	73.3	73.3	73.7	73.9	73.9	73.9	73.9	74.9	75.1
≥ 6000	15.5	64.1	68.3	71.0	72.3	72.7	73.5	73.9	73.9	74.3	74.6	74.6	74.6	74.6	75.5	75.8
≥ 5000	15.5	66.4	70.8	73.5	74.9	75.3	76.1	76.6	76.6	77.0	77.3	77.3	77.3	77.3	78.2	78.5
≥ 4500	15.5	66.8	71.2	74.1	75.4	75.8	76.6	77.2	77.2	77.6	77.8	77.8	77.8	77.8	78.8	79.0
≥ 4000	15.5	68.0	72.4	75.3	76.6	77.0	77.8	78.4	78.4	78.8	79.0	79.0	79.0	79.0	80.0	80.2
≥ 3500	15.9	69.0	73.4	76.5	78.1	78.5	79.3	79.8	79.8	80.2	80.5	80.5	80.5	80.5	81.5	81.7
≥ 3000	16.3	69.4	73.8	77.0	78.6	79.0	79.8	80.4	80.4	80.8	81.0	81.0	81.0	81.0	82.0	82.3
≥ 2500	16.0	71.2	75.7	79.3	81.0	81.5	82.3	82.8	82.8	83.2	83.5	83.5	83.5	83.5	84.4	84.8
≥ 2000	16.1	71.8	76.2	79.8	81.7	82.1	82.9	83.7	83.7	84.1	84.4	84.5	84.7	84.7	85.6	86.0
≥ 1800	16.3	72.6	77.0	80.6	82.5	82.9	83.7	84.5	84.5	84.9	85.2	85.3	85.5	85.5	86.4	86.8
≥ 1500	16.3	74.3	78.8	82.5	84.4	84.8	85.6	86.4	86.4	86.8	87.1	87.2	87.4	87.4	88.3	88.7
≥ 1200	16.3	75.1	79.7	83.5	85.3	85.8	86.6	87.4	87.4	87.8	88.0	88.2	88.3	88.3	89.2	89.7
≥ 1000	16.3	75.4	80.0	83.7	85.8	86.2	87.0	87.8	87.8	88.6	88.8	89.0	89.1	89.1	90.1	90.5
≥ 900	16.3	76.2	81.0	84.8	86.8	87.2	88.0	89.0	89.0	89.8	90.1	90.2	90.3	90.3	91.3	91.7
≥ 800	16.3	76.5	81.3	85.1	87.2	87.6	88.4	89.4	89.4	90.2	90.5	90.6	90.7	90.7	91.7	92.1
≥ 700	16.3	77.0	81.9	85.6	87.8	88.2	89.0	89.9	89.9	90.7	91.0	91.1	91.3	91.3	92.2	92.6
≥ 600	16.3	77.4	82.4	86.3	88.6	89.0	89.8	90.7	90.7	91.5	91.8	91.9	92.1	92.1	93.0	93.4
≥ 500	16.3	77.6	82.5	86.8	89.2	89.7	90.5	91.4	91.4	92.2	92.5	92.6	92.7	92.9	93.8	94.2
≥ 400	16.3	77.7	82.8	87.1	89.5	90.2	91.4	92.5	92.5	93.3	93.5	93.7	93.8	94.0	94.9	95.3
≥ 300	16.4	77.8	82.9	87.2	89.7	90.5	91.8	93.0	93.0	94.0	94.2	94.4	94.5	94.6	95.6	96.0
≥ 200	16.4	77.8	82.9	87.2	89.7	90.5	91.8	93.0	93.0	94.0	94.2	94.4	95.0	95.2	96.1	96.6
≥ 100	16.4	77.8	82.9	87.2	89.7	90.5	91.8	93.0	93.0	94.0	94.2	94.4	95.3	95.4	96.9	98.3
≥ 0	16.4	77.8	82.9	87.2	89.7	90.5	91.8	93.0	93.0	94.0	94.2	94.4	95.3	95.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-1800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.2	34.7	41.4	45.1	48.4	49.2	49.6	50.3	50.4	50.9	51.1	51.1	51.6	51.6	52.2	52.7
≥ 20000	12.4	43.7	49.2	55.1	57.4	58.2	58.7	59.4	59.5	60.1	60.2	60.2	60.9	60.9	61.6	62.1
≥ 18000	12.4	43.7	49.2	55.1	57.4	58.2	58.7	59.4	59.5	60.1	60.2	60.2	60.9	60.9	61.6	62.1
≥ 16000	12.4	43.7	49.2	55.1	57.4	58.2	58.7	59.4	59.5	60.1	60.2	60.2	60.9	60.9	61.6	62.1
≥ 14000	12.4	43.8	49.3	55.2	57.5	58.3	58.9	59.5	59.7	60.2	60.3	60.3	61.0	61.0	61.7	62.2
≥ 12000	12.4	44.8	50.4	56.5	58.7	59.5	60.1	60.8	60.9	61.4	61.6	61.6	62.2	62.2	62.9	63.4
≥ 10000	13.3	47.6	53.6	59.9	62.4	63.2	63.8	64.5	64.8	65.3	65.5	65.5	66.1	66.3	67.2	67.7
≥ 9000	13.3	47.7	53.8	60.2	62.6	63.4	64.1	64.8	65.1	65.6	65.7	65.7	66.4	66.5	67.5	68.0
≥ 8000	13.3	49.9	55.1	61.6	64.0	64.8	65.5	66.1	66.4	66.9	67.1	67.1	67.7	67.9	68.8	69.4
≥ 7000	13.4	49.7	56.0	62.5	64.9	65.7	66.4	67.1	67.3	67.9	68.2	68.0	68.7	68.8	69.8	70.3
≥ 6000	13.4	50.4	56.7	63.3	65.9	66.7	67.3	68.0	68.3	68.8	69.0	69.0	69.6	69.8	70.7	71.2
≥ 5000	13.6	51.7	58.2	65.1	67.6	68.4	69.1	69.8	70.0	70.6	70.7	70.7	71.4	71.5	72.4	73.0
≥ 4500	13.7	52.3	58.7	65.6	68.1	69.0	69.6	70.3	70.6	71.1	71.2	71.2	71.9	72.0	73.0	73.5
≥ 4000	14.3	53.4	59.9	66.9	69.5	70.3	71.0	71.6	71.9	72.6	72.7	72.8	73.5	73.7	74.6	75.1
≥ 3500	14.3	53.8	60.3	67.3	69.9	70.7	71.4	72.0	72.3	73.0	73.1	73.3	73.9	74.1	75.0	75.5
≥ 3000	14.4	55.4	62.4	69.5	72.2	73.0	73.7	74.3	74.6	75.3	75.4	75.5	76.2	76.3	77.3	77.8
≥ 2500	14.5	56.5	63.4	70.8	73.7	74.5	75.1	75.8	76.1	76.7	76.9	77.0	77.7	77.8	78.8	79.4
≥ 2000	14.7	58.1	65.2	72.7	75.5	76.3	77.2	77.8	78.1	78.8	78.9	79.0	79.7	79.8	80.9	81.5
≥ 1800	14.7	58.7	65.9	73.4	76.2	77.0	77.8	78.5	78.8	79.4	79.6	79.7	80.4	80.5	81.6	82.3
≥ 1500	14.9	60.9	68.3	75.5	78.4	79.4	80.2	80.9	81.2	81.9	82.0	82.1	82.8	82.9	84.0	84.7
≥ 1200	14.9	62.4	69.8	77.3	80.1	81.2	82.1	82.9	83.2	83.9	84.0	84.1	84.8	84.9	86.0	86.7
≥ 1000	14.9	62.8	70.6	78.2	81.0	82.3	83.2	84.0	84.3	84.9	85.1	85.2	85.9	86.0	87.1	87.8
≥ 900	15.1	63.2	71.1	79.0	81.9	83.1	84.0	84.8	85.1	85.8	85.9	86.0	86.7	86.8	87.9	88.6
≥ 800	15.1	63.3	71.4	79.4	82.3	83.5	84.4	85.2	85.5	86.2	86.3	86.4	87.1	87.2	88.3	89.0
≥ 700	15.1	63.3	71.4	79.7	82.5	83.7	84.7	85.6	86.0	86.7	86.8	87.0	87.6	87.8	88.9	89.5
≥ 600	15.1	63.6	71.9	81.0	84.0	85.2	86.2	87.1	87.5	88.3	88.4	88.6	89.2	89.4	90.5	91.1
≥ 500	15.1	64.0	72.3	81.6	84.7	85.9	86.8	87.8	88.2	89.0	89.2	89.4	90.1	90.2	91.3	91.9
≥ 400	15.1	64.0	72.7	82.0	85.1	86.6	87.8	89.0	89.4	90.3	90.6	90.7	91.5	91.7	92.7	93.4
≥ 300	15.1	64.0	72.7	82.1	85.2	86.7	88.0	89.4	89.9	91.4	91.8	91.9	92.9	93.0	94.1	94.8
≥ 200	15.1	64.0	72.7	82.1	85.2	86.7	88.0	89.4	90.1	91.8	92.5	92.7	94.4	94.8	96.4	97.2
≥ 100	15.1	64.0	72.7	82.1	85.2	86.7	88.0	89.4	90.1	91.8	92.5	92.7	94.4	94.8	96.6	98.4
≥ 0	15.1	64.0	72.7	82.1	85.2	86.7	88.0	89.4	90.1	91.8	92.5	92.7	94.4	94.9	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744



2  
 CLIMATOLGY BRANCH  
 METAC  
 WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

MAC

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-1100  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	23.1	49.1	50.3	50.8	51.6	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	25.1	58.5	60.1	60.9	61.7	61.8	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	25.1	58.5	60.1	60.9	61.7	61.8	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	25.1	58.5	60.1	60.9	61.7	61.8	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	25.1	58.5	60.2	61.0	61.8	62.0	62.1	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	25.4	59.5	61.3	62.1	62.9	63.0	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	26.1	61.0	62.9	63.7	64.5	64.7	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	26.1	61.6	63.4	64.2	65.1	65.2	65.3	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	26.3	64.1	66.1	67.3	68.1	68.3	68.4	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	26.7	64.9	66.9	68.1	69.0	69.1	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	26.7	65.7	67.9	69.1	70.0	70.2	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	26.9	66.5	68.7	70.0	71.0	71.1	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	26.9	66.8	69.0	70.3	71.2	71.4	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	27.2	67.3	69.8	71.1	72.2	72.3	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3500	27.3	68.4	71.1	72.3	73.5	73.7	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	28.0	71.0	73.7	75.4	76.7	76.9	77.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	28.4	73.0	75.7	77.4	78.8	78.9	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	29.0	75.7	78.6	80.5	81.9	82.1	82.3	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	29.2	77.0	80.0	81.9	83.2	83.5	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	29.4	79.0	82.5	84.5	86.0	86.3	86.6	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	29.6	80.8	84.7	87.0	88.4	88.7	89.1	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	29.6	82.0	86.2	88.8	90.3	90.6	91.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	29.7	82.7	86.8	89.8	91.3	91.5	92.1	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	29.7	82.7	86.8	89.9	91.5	91.9	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	29.7	82.9	87.2	90.3	91.9	92.5	93.1	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	29.7	83.2	87.5	90.7	92.3	92.9	93.5	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	29.7	83.3	87.9	91.1	92.9	93.4	94.1	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	29.7	83.3	87.9	91.3	93.1	94.0	94.8	96.0	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	29.7	83.3	87.9	91.3	93.3	94.1	95.0	96.2	96.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 200	29.7	83.3	87.9	91.3	93.3	94.1	95.0	96.2	96.6	96.1	98.4	98.4	98.4	98.9	99.2	99.2
≥ 100	29.7	83.3	87.9	91.3	93.3	94.1	95.0	96.2	96.6	98.1	98.4	98.4	99.1	99.3	99.5	99.9
≥ 0	29.7	83.3	87.9	91.3	93.3	94.1	95.0	96.2	96.6	98.1	98.4	98.4	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AD-WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1789  
STATION

JACKSONVILLE FL  
STATION NAME

74-81  
YEARS

MAP  
NORTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	27.6	50.3	53.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 2000	31.2	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1800	31.2	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1600	31.2	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1400	31.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 1200	31.3	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1000	32.3	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 900	32.3	67.6	69.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 800	33.3	69.4	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 700	33.3	70.0	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 600	33.5	71.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 500	33.5	71.4	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 450	33.7	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 400	34.7	73.5	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 350	36.3	76.5	77.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 300	37.5	81.0	81.7	81.9	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 250	39.0	86.8	87.5	87.8	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 200	39.1	89.9	90.9	91.3	91.4	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	39.1	90.7	91.7	92.2	92.5	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	39.2	91.7	92.6	93.7	94.0	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	39.4	92.3	93.4	94.6	94.9	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	39.4	92.3	93.5	95.0	95.3	95.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	39.4	92.5	93.8	95.3	95.6	95.7	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	39.4	92.5	93.8	95.4	95.7	95.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	39.4	92.5	93.8	95.6	95.8	96.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	39.4	92.5	93.8	95.6	95.8	96.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	39.4	92.5	93.8	95.6	95.8	96.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	39.4	92.5	93.8	95.6	96.0	96.1	97.4	98.0	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	39.4	92.5	93.8	95.6	96.0	96.2	97.6	98.3	98.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	39.4	92.5	93.8	95.6	96.0	96.2	97.6	98.3	98.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	39.4	92.5	93.8	95.6	96.0	96.2	97.6	98.3	98.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	39.4	92.5	93.8	95.6	96.0	96.2	97.6	98.3	98.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

MA

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	25.7	49.3	57.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000 ≥ 17000	31.7	64.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000 ≥ 13000	31.2	64.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000 ≥ 11000	32.3	68.7	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000 ≥ 7000	34.1	71.1	72.6	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000 ≥ 5000	34.4	71.8	73.3	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500 ≥ 4000	35.3	74.2	75.7	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500 ≥ 3000	36.7	81.5	83.1	83.9	83.9	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500 ≥ 2000	39.5	87.0	89.2	90.2	90.3	90.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800 ≥ 1500	39.9	88.7	91.1	92.1	92.3	92.6	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200 ≥ 1000	39.9	89.9	92.3	93.4	93.7	94.0	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900 ≥ 800	39.9	90.9	93.3	94.6	95.2	95.4	96.0	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700 ≥ 600	39.9	90.9	93.3	94.6	95.4	95.8	96.5	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500 ≥ 400	39.9	90.9	93.4	94.8	95.6	96.0	96.8	97.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300 ≥ 200	39.9	90.9	93.4	94.8	95.6	96.2	97.3	97.8	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	39.9	90.9	93.4	94.8	95.6	96.2	97.3	97.8	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 JOAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

11.89

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1950-2000  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	25.6	55.5	56.6	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	30.6	71.2	72.7	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	30.6	71.2	72.7	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	30.6	71.2	72.7	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	30.6	71.4	72.8	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	31.5	72.3	73.9	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	32.1	73.9	75.5	76.7	76.7	76.7	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	32.1	74.2	75.8	77.0	77.0	77.0	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	32.3	77.8	79.7	80.9	80.9	80.9	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	32.3	78.2	80.1	81.5	81.5	81.5	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	33.3	80.0	81.9	83.2	83.2	83.2	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	33.7	81.3	83.3	84.7	84.7	84.8	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	34.1	82.0	84.1	85.3	85.3	85.5	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	34.3	83.7	85.9	87.2	87.2	87.4	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	34.3	84.4	86.6	87.9	87.9	88.0	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	35.5	86.0	88.2	89.7	89.7	89.8	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	35.6	87.0	89.5	91.0	91.0	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	35.9	88.3	91.4	92.9	92.9	93.1	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	36.0	88.6	91.7	93.1	93.1	93.4	93.5	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	36.1	88.8	91.9	93.4	93.4	93.8	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	36.1	89.1	92.3	93.8	93.8	94.2	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	36.1	89.8	93.0	94.5	94.5	94.9	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	36.0	90.2	93.4	95.0	95.2	95.6	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	36.0	90.2	93.5	95.7	95.8	96.2	96.6	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	36.0	90.2	93.5	95.7	96.0	96.4	96.8	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	36.0	90.3	93.7	95.8	96.1	96.6	97.0	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	36.0	90.6	94.0	96.2	96.5	97.2	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	36.0	90.6	94.0	96.2	96.5	97.2	97.6	97.8	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	36.0	90.6	94.0	96.2	96.5	97.2	97.6	98.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	36.0	90.6	94.0	96.2	96.5	97.2	97.6	98.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	36.0	90.6	94.0	96.2	96.5	97.2	97.6	98.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	36.0	90.6	94.0	96.2	96.5	97.2	97.6	98.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 400 WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 89 JACKSONVILLE FL

74-81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	25.4	62.5	63.8	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	27.4	71.8	73.4	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	27.4	71.8	73.4	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	27.4	71.8	73.4	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	27.4	71.9	73.5	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	27.7	72.6	74.2	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	27.8	74.2	75.8	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	27.8	74.5	76.2	77.3	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	28.5	77.3	79.2	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	28.8	78.0	79.8	80.9	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	29.2	79.0	80.9	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	29.4	80.8	83.1	84.3	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	29.4	81.0	83.3	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	29.7	82.3	84.5	85.8	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	30.1	83.3	85.6	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	30.2	84.7	87.0	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	30.6	86.4	89.0	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	30.8	87.9	90.9	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	30.9	88.6	91.5	93.0	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	31.0	89.2	92.2	93.8	94.1	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	31.1	89.5	92.5	94.1	94.4	94.5	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	31.1	89.7	92.6	94.2	94.5	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	31.1	89.7	92.7	94.5	94.8	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	31.2	89.8	92.9	94.8	95.0	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	31.1	90.1	93.1	95.0	95.3	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	31.0	90.3	93.4	95.4	95.7	95.8	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	31.0	90.3	93.4	95.4	95.8	96.0	96.4	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	31.0	90.7	93.8	95.8	96.4	96.8	97.2	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	31.0	90.7	93.8	95.8	96.4	96.9	97.3	97.8	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	31.1	90.7	93.8	95.8	96.4	96.9	97.3	97.8	98.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 100	31.0	90.7	93.8	95.8	96.4	96.9	97.3	97.8	98.1	99.1	99.3	99.3	99.5	99.5	99.6	99.7
≥ 0	31.0	90.7	93.8	95.8	96.4	96.9	97.3	97.8	98.1	99.1	99.3	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 199  
 STATION

JACKSONVILLE FL  
 STATION NAME

74-81  
 YEARS

MAC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	21.3	51.1	53.1	54.4	55.0	55.2	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	56.1	56.2
≥ 20000	23.3	61.7	64.0	65.7	66.3	66.5	66.8	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.6	67.7
≥ 18000	23.9	61.7	64.0	65.7	66.3	66.5	66.8	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.6	67.7
≥ 16000	23.9	61.7	64.0	65.7	66.3	66.5	66.8	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.6	67.8
≥ 14000	24.7	62.0	64.3	66.0	66.6	66.8	67.1	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.9	68.0
≥ 12000	24.3	63.1	65.5	67.3	67.9	68.0	68.3	68.5	68.5	68.7	68.8	68.8	68.9	68.9	69.2	69.3
≥ 10000	24.3	65.0	67.5	69.4	70.0	70.2	70.5	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.5	71.6
≥ 9000	24.8	65.3	67.8	69.7	70.4	70.6	70.9	71.1	71.1	71.3	71.4	71.4	71.5	71.5	71.8	71.9
≥ 8000	25.4	67.5	70.1	72.1	72.8	73.0	73.3	73.5	73.6	73.8	73.8	73.8	73.9	74.0	74.3	74.4
≥ 7000	25.6	68.1	70.7	72.8	73.5	73.7	74.0	74.2	74.3	74.5	74.5	74.5	74.6	74.7	75.0	75.1
≥ 6000	25.7	69.0	71.7	73.7	74.4	74.7	75.0	75.2	75.3	75.4	75.5	75.5	75.6	75.6	75.9	76.1
≥ 5000	25.9	70.6	73.4	75.6	76.3	76.5	76.8	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.8	78.0
≥ 4500	26.1	71.1	73.9	76.0	76.7	77.0	77.3	77.5	77.6	77.8	77.9	77.9	78.0	78.0	78.3	78.4
≥ 4000	26.6	72.6	75.5	77.7	78.4	78.7	79.0	79.2	79.3	79.5	79.6	79.6	79.7	79.7	80.0	80.1
≥ 3500	27.2	74.1	77.0	79.3	80.0	80.3	80.7	80.9	80.9	81.1	81.2	81.3	81.4	81.4	81.7	81.8
≥ 3000	27.6	76.1	79.1	81.5	82.3	82.6	82.9	83.2	83.2	83.4	83.5	83.5	83.6	83.6	83.9	84.1
≥ 2500	28.1	78.4	81.6	84.1	85.0	85.3	85.7	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.7	86.9
≥ 2000	28.4	80.1	83.5	86.1	87.0	87.3	87.8	88.1	88.1	88.4	88.4	88.5	88.6	88.6	88.9	89.1
≥ 1800	28.4	80.8	84.3	86.8	87.8	88.1	88.6	88.9	88.9	89.2	89.3	89.3	89.4	89.4	89.8	89.9
≥ 1500	28.5	82.1	85.6	88.3	89.3	89.6	90.1	90.4	90.5	90.8	90.9	90.9	91.0	91.1	91.4	91.5
≥ 1200	28.6	82.8	86.5	89.3	90.3	90.7	91.2	91.5	91.6	91.9	92.0	92.0	92.2	92.2	92.5	92.7
≥ 1000	28.6	83.2	87.0	89.9	90.9	91.3	91.9	92.2	92.3	92.7	92.7	92.8	92.9	92.9	93.2	93.4
≥ 900	28.6	83.6	87.4	90.5	91.5	92.0	92.5	92.9	93.0	93.4	93.5	93.5	93.6	93.6	94.0	94.1
≥ 800	28.6	83.7	87.5	90.7	91.8	92.2	92.9	93.3	93.4	93.8	93.9	93.9	94.0	94.0	94.4	94.5
≥ 700	28.6	83.8	87.7	90.9	92.1	92.5	93.2	93.6	93.7	94.2	94.3	94.3	94.4	94.4	94.8	94.9
≥ 600	28.6	84.0	87.9	91.3	92.5	93.0	93.7	94.2	94.3	94.8	94.9	94.9	95.1	95.1	95.4	95.6
≥ 500	28.6	84.1	88.1	91.6	92.8	93.4	94.1	94.7	94.9	95.4	95.5	95.6	95.7	95.7	96.1	96.2
≥ 400	28.6	84.2	88.3	91.8	93.1	93.8	94.6	95.4	95.6	96.5	96.7	96.7	96.8	96.9	97.2	97.4
≥ 300	28.6	84.2	88.3	91.8	93.2	93.9	94.9	95.7	96.0	97.1	97.3	97.4	97.6	97.6	98.0	98.1
≥ 200	28.6	84.2	88.3	91.8	93.2	93.9	94.9	95.7	96.0	97.3	97.6	97.7	98.1	98.2	98.7	98.9
≥ 100	28.6	84.2	88.3	91.8	93.2	93.9	94.9	95.7	96.0	97.3	97.6	97.7	98.2	98.3	98.9	99.5
≥ 0	28.6	84.2	88.3	91.8	93.2	93.9	94.9	95.7	96.0	97.3	97.7	97.7	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5950

2

## CEILING VERSUS VISIBILITY

APD

**MONTH**

0000-0200  
HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATL WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

APF

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	10.3	56.0	60.6	64.3	65.4	66.0	67.2	67.5	67.6	68.2	68.2	68.2	68.8	68.8	70.1	70.7
≥ 20000	10.7	62.4	67.2	71.9	73.3	74.0	75.4	75.7	75.8	76.5	76.5	76.5	77.1	77.1	78.5	79.0
≥ 18000	10.7	62.4	67.2	71.9	73.3	74.0	75.4	75.7	75.8	76.5	76.5	76.5	77.1	77.1	78.5	79.0
≥ 16000	10.7	62.4	67.2	71.9	73.3	74.0	75.4	75.7	75.8	76.5	76.5	76.5	77.1	77.1	78.5	79.0
≥ 14000	10.7	62.4	67.2	71.9	73.3	74.0	75.4	75.7	75.8	76.5	76.5	76.5	77.1	77.1	78.5	79.0
≥ 12000	10.3	62.8	67.8	72.5	73.9	74.6	76.0	76.3	76.4	77.1	77.1	77.1	77.6	77.6	79.0	79.6
≥ 10000	11.1	64.2	69.2	73.9	75.3	76.0	77.4	77.6	77.8	78.5	78.5	78.5	79.0	79.0	80.4	81.0
≥ 9000	11.1	64.4	69.4	74.4	75.8	76.5	77.9	78.2	78.3	79.0	79.0	79.0	79.6	79.6	81.0	81.5
≥ 8000	11.3	65.8	70.8	75.8	77.4	78.1	79.4	79.7	79.9	80.6	80.6	80.6	81.1	81.1	82.5	83.1
≥ 7000	11.4	66.1	71.1	76.1	77.6	78.3	79.7	80.0	80.1	80.8	80.8	80.8	81.4	81.4	82.8	83.3
≥ 6000	11.4	67.1	72.1	77.2	78.8	79.4	80.8	81.1	81.3	81.9	81.9	81.9	82.5	82.5	83.9	84.4
≥ 5000	11.4	67.4	72.5	77.8	79.3	80.0	81.4	81.7	81.8	82.5	82.5	82.5	83.1	83.1	84.4	85.0
≥ 4500	11.5	67.9	73.1	78.3	79.9	80.6	81.9	82.2	82.4	83.1	83.1	83.1	83.6	83.6	85.0	85.6
≥ 4000	11.5	68.5	74.2	79.4	81.0	81.7	83.1	83.3	83.5	84.2	84.2	84.2	84.7	84.7	86.1	86.7
≥ 3500	11.5	69.2	75.0	80.3	81.8	82.5	83.9	84.2	84.3	85.0	85.0	85.0	85.6	85.6	86.9	87.5
≥ 3000	11.5	69.9	75.8	81.1	82.6	83.3	84.7	85.0	85.1	85.8	85.8	85.8	86.4	86.4	87.8	88.3
≥ 2500	11.5	71.1	77.4	82.8	84.3	85.0	86.4	86.7	86.8	87.5	87.5	87.5	88.1	88.1	89.4	90.0
≥ 2000	11.5	72.5	78.8	84.2	85.7	86.4	87.8	88.1	88.2	88.9	88.9	88.9	89.4	89.4	90.8	91.4
≥ 1800	11.5	72.5	78.8	84.3	85.8	86.5	87.9	88.2	88.3	89.0	89.0	89.0	89.6	89.6	91.0	91.5
≥ 1500	11.5	72.8	79.1	84.6	86.1	86.9	88.3	88.6	88.8	89.4	89.4	89.4	90.0	90.0	91.4	91.9
≥ 1200	11.5	72.9	79.2	84.9	86.5	87.4	88.8	89.0	89.2	89.9	89.9	89.9	90.4	90.4	91.8	92.4
≥ 1000	11.5	73.6	79.9	86.0	87.6	88.5	89.9	90.1	90.3	91.0	91.0	91.0	91.5	91.5	92.9	93.5
≥ 900	11.5	73.8	80.0	86.1	87.8	88.6	90.0	90.3	90.4	91.1	91.1	91.1	91.7	91.7	93.1	93.6
≥ 800	11.5	74.0	80.3	86.4	88.1	88.9	90.3	90.6	90.7	91.4	91.4	91.4	91.9	91.9	93.3	93.9
≥ 700	11.5	74.0	80.6	86.7	88.3	89.2	90.6	90.8	91.0	91.7	91.7	91.7	92.2	92.2	93.6	94.2
≥ 600	11.5	74.0	80.6	86.7	88.3	89.2	90.6	90.8	91.0	91.9	91.9	91.9	92.5	92.5	93.9	94.4
≥ 500	11.5	74.6	81.1	87.2	88.9	89.7	91.1	91.4	91.5	92.5	92.5	92.5	93.1	93.1	94.4	95.0
≥ 400	11.5	74.6	81.1	87.9	89.7	90.8	92.6	92.9	93.1	94.2	94.2	94.2	94.7	94.7	96.1	96.7
≥ 300	11.5	74.7	81.3	88.3	90.1	91.4	93.2	93.5	93.6	94.7	94.7	94.7	95.3	95.3	96.7	97.2
≥ 200	11.5	74.9	81.4	88.8	90.6	91.9	93.8	94.0	94.2	95.4	95.6	95.6	96.3	96.3	97.6	98.2
≥ 100	11.5	74.9	81.4	88.8	90.6	91.9	93.8	94.0	94.2	95.4	95.6	95.6	96.3	96.3	97.6	98.8
≥ 0	11.5	74.9	81.4	88.8	90.6	91.9	93.8	94.0	94.2	95.4	95.6	95.6	96.3	96.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720



2  
GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	11.7	43.6	48.9	54.2	56.0	56.7	58.9	59.3	59.7	60.3	60.8	61.0	61.9	62.1	63.2	64.3
≥ 20000	11.9	51.3	57.5	63.6	65.4	66.1	68.5	68.9	69.3	70.0	70.7	70.3	71.8	72.1	73.2	74.3
≥ 18000	11.9	51.3	57.5	63.6	65.4	66.1	68.5	68.9	69.3	70.0	70.7	70.8	71.8	72.1	73.2	74.3
≥ 16000	11.9	51.3	57.5	63.6	65.4	66.1	68.5	68.9	69.3	70.0	70.7	70.8	71.8	72.1	73.2	74.3
≥ 14000	11.9	51.3	57.5	63.6	65.4	66.1	68.5	68.9	69.3	70.0	70.7	70.8	71.8	72.1	73.2	74.3
≥ 12000	12.2	52.2	58.5	64.6	66.5	67.2	69.6	70.0	70.4	71.1	71.8	71.9	72.9	73.2	74.3	75.4
≥ 10000	12.5	53.6	60.0	66.1	68.2	68.9	71.3	71.8	72.2	72.9	73.6	73.8	74.7	75.0	76.1	77.2
≥ 9000	12.5	53.9	60.4	66.5	68.6	69.3	71.7	72.2	72.6	73.3	74.0	74.2	75.1	75.4	76.5	77.6
≥ 8000	12.6	54.9	61.9	68.1	70.3	71.0	73.5	74.0	74.4	75.1	75.8	76.0	76.9	77.2	78.3	79.4
≥ 7000	12.8	55.1	62.2	68.3	70.6	71.3	73.8	74.3	74.7	75.4	76.1	76.3	77.2	77.5	78.6	79.7
≥ 6000	12.8	55.6	62.6	68.8	71.0	71.7	74.2	74.7	75.1	75.8	76.5	76.7	77.6	77.9	79.0	80.1
≥ 5000	12.9	56.7	63.8	69.9	72.2	73.2	75.7	76.3	76.7	77.4	78.1	78.2	79.2	79.4	80.6	81.7
≥ 4500	12.9	57.2	64.3	70.4	72.8	73.8	76.5	77.1	77.5	78.2	78.9	79.0	80.0	80.3	81.4	82.5
≥ 4000	13.1	58.3	65.7	71.9	74.3	75.3	78.1	78.6	79.0	79.7	80.4	80.6	81.5	81.9	82.9	84.0
≥ 3500	13.1	59.2	66.5	72.8	75.1	76.1	78.9	79.4	79.9	80.6	81.3	81.4	82.4	82.6	83.8	84.9
≥ 3000	13.1	60.1	67.5	73.8	76.1	77.1	79.9	80.4	80.8	81.5	82.2	82.4	83.3	83.6	84.7	85.8
≥ 2500	13.1	60.6	68.1	74.4	76.8	77.8	80.7	81.4	81.8	82.6	83.5	83.6	84.6	84.9	86.0	87.1
≥ 2000	13.2	61.3	68.9	75.6	77.9	78.9	82.2	82.9	83.3	84.2	85.0	85.1	86.1	86.4	87.5	88.6
≥ 1800	13.2	61.7	69.3	76.0	78.3	79.3	82.6	83.3	83.8	84.6	85.4	85.6	86.5	86.8	87.9	89.0
≥ 1500	13.2	62.4	70.0	76.7	79.0	80.0	83.3	84.0	84.4	85.3	86.1	86.3	87.2	87.5	88.6	89.7
≥ 1200	13.2	62.8	70.4	77.2	79.6	80.6	83.9	84.6	85.0	85.8	86.7	86.8	87.8	88.1	89.2	90.3
≥ 1000	13.2	62.9	70.6	77.4	79.7	80.7	84.0	84.7	85.1	86.0	86.8	86.9	87.9	88.2	89.3	90.4
≥ 900	13.2	63.1	71.0	77.8	80.1	81.1	84.4	85.1	85.6	86.4	87.2	87.4	88.3	88.6	89.7	90.8
≥ 800	13.2	63.6	71.8	79.0	81.4	82.6	86.1	86.8	87.2	88.1	88.9	89.0	90.0	90.3	91.4	92.5
≥ 700	13.2	63.8	72.1	79.4	81.8	83.1	86.7	87.4	87.8	88.8	89.6	89.7	90.7	91.0	92.1	93.2
≥ 600	13.2	64.3	72.8	80.3	82.8	84.0	87.9	88.6	89.0	90.1	91.0	91.1	92.1	92.4	93.5	94.6
≥ 500	13.2	64.3	72.9	80.4	82.9	84.2	88.2	89.2	89.7	90.8	91.7	91.8	92.8	93.1	94.3	95.4
≥ 400	13.2	64.4	73.2	81.1	83.8	85.1	89.4	90.6	91.1	92.5	93.5	93.6	94.6	94.9	96.1	97.2
≥ 300	13.2	64.4	73.2	81.1	83.8	85.3	89.6	90.7	91.3	92.8	93.8	93.9	95.0	95.3	96.5	97.6
≥ 200	13.2	64.4	73.2	81.1	83.8	85.3	89.6	90.7	91.3	92.8	93.8	93.9	95.7	96.0	97.4	98.6
≥ 100	13.2	64.4	73.2	81.1	83.8	85.3	89.6	90.7	91.3	92.8	93.8	93.9	95.7	96.0	97.4	98.8
≥ 0	13.2	64.4	73.2	81.1	83.8	85.3	89.6	90.7	91.3	92.8	93.8	93.9	95.7	96.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	28.1	63.2	64.6	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	31.7	71.8	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	31.7	71.8	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	31.7	71.8	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	31.7	72.1	73.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	31.9	72.8	74.2	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	32.5	74.2	75.7	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	32.6	74.6	76.1	76.4	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	32.6	75.4	76.9	77.2	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	32.6	75.7	77.2	77.6	78.5	78.5	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	32.6	76.0	77.5	77.9	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	32.6	77.4	79.0	79.4	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	32.8	77.5	79.3	79.7	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	33.2	78.6	80.4	80.8	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	33.5	80.6	82.4	82.8	83.6	83.6	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	33.6	83.1	85.1	85.7	86.5	86.7	86.7	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	34.3	84.9	86.9	87.5	88.3	88.5	88.6	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	34.7	87.4	89.4	90.0	90.8	91.1	91.3	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	35.0	88.5	90.7	91.3	92.4	92.6	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	35.3	90.4	92.8	93.3	94.6	94.9	95.0	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	35.6	91.7	94.0	94.7	96.0	96.3	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	35.7	91.9	94.3	95.0	96.3	96.5	96.7	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	35.7	92.5	94.9	95.6	96.8	97.1	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	35.7	92.5	94.9	95.6	96.8	97.1	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	35.7	92.5	94.9	95.7	97.1	97.4	97.5	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	35.7	92.5	94.9	95.7	97.1	97.5	97.9	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	35.7	92.5	94.9	95.7	97.1	97.5	98.1	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	35.7	92.5	95.0	95.8	97.2	97.6	98.3	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	35.7	92.5	95.0	95.8	97.2	97.6	98.3	98.8	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	35.7	92.5	95.0	95.8	97.2	97.6	98.3	98.8	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	35.7	92.5	95.0	95.8	97.2	97.6	98.3	98.8	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	35.7	92.5	95.0	95.8	97.2	97.6	98.3	98.8	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	30.6	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	35.7	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	35.7	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	35.7	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	35.7	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	35.8	72.8	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	36.0	74.3	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 9000	36.0	74.7	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	36.3	76.1	76.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	36.3	76.4	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	36.4	76.8	77.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	36.4	76.9	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	36.8	77.6	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	38.2	81.1	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	40.1	85.3	86.1	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	40.7	88.1	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	42.1	91.1	92.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	42.8	93.5	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	42.9	93.8	95.0	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	42.3	94.9	96.1	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	43.1	95.7	96.9	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	43.1	95.7	96.9	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	43.1	96.4	97.6	98.5	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	43.1	96.4	97.6	98.5	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	43.1	96.4	97.8	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	43.1	96.5	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89  
STATION

JACKSONVILLE FL  
STATION NAME

74-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.1	61.8	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	36.4	75.7	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 18000	36.4	75.7	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 16000	36.4	75.8	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 14000	36.4	75.8	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 12000	36.5	76.7	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 10000	36.9	78.6	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 9000	37.4	79.6	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	39.2	81.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	39.2	81.9	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	39.2	82.4	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	39.3	83.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	39.4	83.8	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	40.1	86.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	41.8	90.7	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	42.6	92.1	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	42.9	94.2	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	42.9	94.6	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800	42.9	95.1	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	42.9	95.7	97.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	42.9	96.3	98.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	42.9	96.4	98.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	42.9	96.7	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.E.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	27.2	64.6	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	33.5	78.1	79.3	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	33.5	78.1	79.3	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	33.5	78.1	79.3	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	33.6	78.2	79.4	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	33.8	78.8	80.0	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	34.0	81.9	83.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	34.0	82.4	83.8	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	35.1	85.0	86.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	35.1	85.1	86.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	35.1	85.4	87.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	35.6	86.5	88.2	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	36.3	87.4	89.2	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	36.8	89.3	91.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	37.4	90.4	92.6	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	37.5	91.4	93.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	37.5	91.5	93.9	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	37.5	91.9	94.4	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	37.5	92.2	94.7	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	37.5	92.9	95.7	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	37.5	93.1	96.0	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	37.5	93.5	96.5	98.3	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	37.5	93.5	96.5	98.3	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	37.5	93.9	96.9	98.8	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	37.5	93.9	96.9	98.8	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	37.5	93.9	96.9	98.8	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	37.5	93.9	96.9	98.8	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	37.5	94.0	97.1	98.9	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	37.5	94.0	97.1	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	37.5	94.0	97.1	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	37.5	94.0	97.1	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	37.5	94.0	97.1	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17 89  
STATIONJACKSONVILLE FL  
STATION NAME74-81  
YEARSAPR  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	24.3	70.7	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	26.5	81.3	81.9	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	26.5	81.3	81.9	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	26.5	81.3	81.9	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	26.5	81.3	81.9	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 12000	26.7	82.4	83.1	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	26.7	83.9	84.7	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	27.1	85.0	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	27.5	86.8	88.1	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	27.5	87.2	88.5	89.0	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	27.5	87.9	89.2	89.7	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	27.6	89.0	90.3	90.8	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	27.9	89.3	90.6	91.1	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	28.5	91.1	92.5	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	28.9	91.8	93.2	93.9	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	28.9	92.4	93.8	94.6	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	28.9	92.5	93.9	94.9	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	28.9	93.8	95.1	96.3	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	28.9	94.0	95.4	96.5	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	28.9	94.6	96.0	97.1	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	28.9	95.0	96.5	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	28.9	95.0	96.5	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	29.0	95.1	96.7	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	29.0	95.3	96.8	98.1	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	29.0	95.4	96.9	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	29.0	95.6	97.1	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	29.0	95.6	97.1	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	29.0	95.8	97.4	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.0	95.8	97.4	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.0	95.8	97.4	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.0	95.8	97.4	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.0	95.8	97.4	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

2  
JULIAL CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	22.3	60.9	63.0	64.4	64.9	65.1	65.7	65.7	65.8	66.0	66.1	66.1	66.3	66.3	66.7	66.9
≥ 18000	25.6	70.7	73.1	74.8	75.3	75.6	76.2	76.3	76.3	76.5	76.6	76.6	76.9	76.9	77.3	77.5
≥ 16000	25.6	70.7	73.1	74.8	75.4	75.6	76.2	76.3	76.4	76.6	76.7	76.7	76.9	76.9	77.3	77.5
≥ 14000	25.6	70.7	73.1	74.9	75.4	75.6	76.2	76.3	76.4	76.6	76.7	76.7	76.9	77.0	77.4	77.6
≥ 12000	25.9	71.5	74.0	75.8	76.4	76.6	77.2	77.3	77.4	77.6	77.7	77.7	77.9	78.0	78.4	78.6
≥ 10000	26.1	73.2	75.7	77.6	78.2	78.4	79.0	79.1	79.2	79.4	79.5	79.5	79.7	79.8	80.2	80.4
≥ 9000	26.2	73.7	76.3	78.2	78.9	79.1	79.7	79.8	79.9	80.1	80.2	80.2	80.4	80.5	80.9	81.1
≥ 8000	26.7	75.3	78.1	80.1	80.8	81.0	81.6	81.8	81.8	82.1	82.2	82.2	82.4	82.4	82.8	83.1
≥ 7000	26.7	75.6	78.4	80.4	81.1	81.3	82.0	82.1	82.2	82.4	82.5	82.5	82.7	82.8	83.2	83.4
≥ 6000	26.8	76.1	78.9	80.9	81.7	81.9	82.5	82.6	82.7	82.9	83.0	83.0	83.2	83.3	83.7	83.9
≥ 5000	26.9	76.9	79.8	81.8	82.6	82.9	83.5	83.6	83.7	83.9	84.0	84.0	84.2	84.3	84.7	84.9
≥ 4500	27.1	77.4	80.3	82.3	83.1	83.4	84.0	84.2	84.2	84.5	84.6	84.6	84.8	84.8	85.2	85.5
≥ 4000	27.6	79.1	82.1	84.2	85.0	85.3	85.9	86.0	86.1	86.3	86.4	86.5	86.7	86.7	87.1	87.3
≥ 3500	28.2	80.9	84.1	86.2	87.0	87.3	88.0	88.1	88.1	88.4	88.5	88.5	88.7	88.8	89.1	89.4
≥ 3000	28.4	82.3	85.6	87.8	88.6	88.9	89.5	89.7	89.7	90.0	90.1	90.1	90.3	90.4	90.8	91.0
≥ 2500	28.7	83.5	86.9	89.2	90.0	90.3	91.0	91.1	91.2	91.5	91.6	91.6	91.8	91.9	92.3	92.5
≥ 2000	28.9	84.8	88.3	90.6	91.5	91.8	92.6	92.7	92.8	93.0	93.2	93.2	93.4	93.4	93.8	94.0
≥ 1800	28.9	85.2	88.7	91.1	92.0	92.3	93.0	93.2	93.3	93.5	93.6	93.7	93.9	93.9	94.3	94.5
≥ 1500	28.9	86.0	89.6	92.0	93.0	93.3	94.0	94.2	94.3	94.5	94.7	94.7	94.9	94.9	95.3	95.5
≥ 1200	29.0	86.5	90.2	92.7	93.7	94.0	94.8	94.9	95.0	95.3	95.4	95.4	95.6	95.7	96.1	96.3
≥ 1000	29.0	86.8	90.5	93.1	94.1	94.4	95.2	95.3	95.4	95.7	95.8	95.8	96.0	96.1	96.5	96.7
≥ 900	29.0	87.0	90.7	93.4	94.4	94.7	95.5	95.6	95.7	96.0	96.1	96.1	96.3	96.4	96.8	97.0
≥ 800	29.0	87.2	91.0	93.7	94.7	95.0	95.8	96.0	96.1	96.3	96.5	96.5	96.7	96.7	97.1	97.3
≥ 700	29.0	87.3	91.1	93.8	94.9	95.2	96.1	96.3	96.3	96.6	96.7	96.8	97.0	97.0	97.4	97.6
≥ 600	29.0	87.4	91.2	94.0	95.0	95.4	96.3	96.5	96.6	97.0	97.1	97.1	97.3	97.4	97.8	98.0
≥ 500	29.0	87.6	91.4	94.2	95.3	95.6	96.6	96.9	97.0	97.3	97.5	97.5	97.7	97.7	98.2	98.4
≥ 400	29.0	87.6	91.5	94.5	95.6	96.0	97.2	97.4	97.6	98.0	98.1	98.1	98.3	98.4	98.8	99.0
≥ 300	29.0	87.7	91.6	94.6	95.7	96.2	97.3	97.5	97.7	98.2	98.3	98.4	98.5	98.6	98.9	99.3
≥ 200	29.0	87.7	91.6	94.7	95.8	96.2	97.3	97.6	97.8	98.3	98.4	98.5	98.6	98.9	99.4	99.6
≥ 100	29.0	87.7	91.6	94.7	95.8	96.2	97.3	97.6	97.8	98.3	98.4	98.5	98.6	98.9	99.4	99.7
≥ 0	29.0	87.7	91.6	94.7	95.8	96.2	97.3	97.6	97.8	98.3	98.4	98.5	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

GLOBAL CLIMATOLOGY BRANCH  
SAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

10 89  
STATION

JACKSONVILLE FL  
STATION NAME

74-81  
YEARS

MAY  
MONTH  
1980-8  
HOURS (L.S.)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	10.3	54.8	67.2	64.9	60.3	56.8	67.3	67.6	67.6	67.9	68.3	68.3	68.4	68.4	68.7	6
≥ 2000	10.3	62.3	63.4	73.8	75.5	76.2	76.7	77.0	77.0	77.3	77.7	77.7	77.8	77.8	78.1	7
≥ 1800	10.3	62.9	68.4	73.8	75.5	76.2	76.7	77.0	77.0	77.3	77.7	77.7	77.8	77.8	78.1	7
≥ 1600	10.3	62.9	68.4	73.8	75.5	76.2	76.7	77.0	77.0	77.3	77.7	77.7	77.8	77.8	78.1	7
≥ 1400	10.3	62.9	68.4	73.8	75.5	76.2	76.7	77.0	77.0	77.3	77.7	77.7	77.8	77.8	78.1	7
≥ 1200	10.3	63.6	69.1	74.5	76.2	76.9	77.4	77.7	77.7	78.0	78.4	78.4	78.5	78.5	78.8	7
≥ 1000	10.3	65.7	71.4	77.0	78.9	79.6	80.1	80.4	80.4	80.9	81.3	81.3	81.5	81.5	81.7	8
≥ 900	10.3	66.5	72.2	77.8	79.7	80.4	80.9	81.2	81.2	81.7	82.1	82.1	82.3	82.3	82.5	8
≥ 800	10.3	68.3	74.2	79.8	81.9	82.5	83.1	83.3	83.3	83.9	84.3	84.3	84.4	84.4	84.7	8
≥ 700	10.3	69.5	75.7	81.3	83.3	84.0	84.5	84.8	84.8	85.3	85.6	85.6	85.9	85.9	86.2	8
≥ 600	10.3	69.9	76.1	81.7	83.7	84.4	84.9	85.2	85.2	85.8	86.2	86.2	86.3	86.3	86.6	8
≥ 500	10.3	71.1	77.3	83.1	85.1	85.8	86.3	86.6	86.6	87.1	87.5	87.5	87.6	87.6	87.9	8
≥ 450	10.3	71.2	77.6	83.3	85.3	86.0	86.7	87.0	87.0	87.5	87.9	87.9	88.0	88.0	88.3	8
≥ 400	11.2	72.2	79.5	84.3	86.3	87.0	87.6	87.9	87.9	88.4	88.8	88.8	89.0	89.0	89.2	8
≥ 350	11.3	72.4	78.8	84.5	86.6	87.2	87.9	88.2	88.2	88.7	89.1	89.1	89.2	89.2	89.5	8
≥ 300	11.6	73.3	79.6	85.3	87.4	88.0	88.7	89.0	89.0	89.5	89.9	89.9	90.1	90.1	90.3	9
≥ 250	11.6	74.1	80.4	86.4	88.4	89.1	89.8	90.1	90.1	90.6	91.0	91.0	91.1	91.1	91.4	9
≥ 200	11.6	75.1	81.5	87.5	89.5	90.2	90.9	91.1	91.1	91.7	92.1	92.1	92.2	92.2	92.5	9
≥ 180	11.7	75.4	81.9	87.9	89.9	90.6	91.3	91.5	91.5	92.1	92.5	92.5	92.6	92.6	92.9	9
≥ 150	11.7	76.6	83.5	89.5	91.5	92.2	92.9	93.4	93.4	94.0	94.4	94.4	94.5	94.5	94.8	9
≥ 120	11.7	77.2	84.1	90.5	92.5	93.1	93.8	94.4	94.4	94.9	95.3	95.3	95.6	95.6	95.8	9
≥ 100	11.7	77.2	84.1	90.5	92.5	93.1	93.8	94.4	94.4	94.9	95.3	95.3	95.6	95.6	95.8	9
≥ 90	11.7	77.3	84.1	90.9	92.9	93.5	94.2	94.8	94.9	95.4	95.8	95.8	96.1	96.1	96.4	9
≥ 80	11.7	77.6	84.4	91.3	93.4	94.1	94.8	95.3	95.4	96.0	96.4	96.4	96.6	96.6	96.9	9
≥ 70	11.7	77.8	84.7	91.5	93.7	94.4	95.0	95.6	95.7	96.2	96.6	96.6	96.9	96.9	97.2	9
≥ 60	11.7	77.8	84.7	91.5	93.7	94.4	95.0	95.6	95.7	96.2	96.6	96.6	96.9	96.9	97.2	9
≥ 50	11.7	78.0	84.8	91.7	94.1	94.8	95.4	96.1	96.2	96.8	97.2	97.2	97.4	97.4	97.7	9
≥ 40	11.7	78.0	85.2	92.3	94.9	95.6	96.2	96.9	97.0	97.6	98.0	98.0	98.3	98.3	98.5	9
≥ 30	11.7	79.0	85.2	92.3	94.9	95.6	96.2	96.9	97.2	97.7	98.1	98.1	98.4	98.4	98.7	9
≥ 20	11.7	78.0	85.2	92.3	95.0	95.7	96.4	97.0	97.3	97.8	98.3	98.3	98.5	98.5	98.8	9
≥ 10	11.7	78.0	85.2	92.3	95.0	95.7	96.4	97.0	97.3	98.0	98.4	98.4	99.1	99.1	99.3	9
≥ 0	11.7	78.3	85.2	92.3	95.0	95.7	96.4	97.0	97.3	98.0	98.4	98.4	99.1	99.1	99.3	10

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



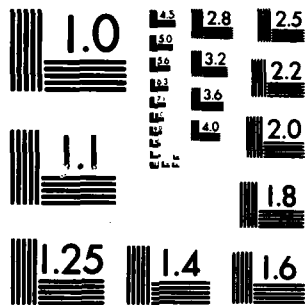
AD-A113 157 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE IAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(1)  
DEC 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE IAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (1)  
DEC 81

USAFETAC/DS-B2/004

NL

3-5  
8-10  
11-12



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A.

2  
CLIMATOLGY BRANCH  
METAC  
47 WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1789  
STATION

JACKSONVILLE FL  
STATION NAME

74-61  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-2500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.3	42.9	49.9	56.9	57.8	57.9	58.9	59.4	59.9	61.3	61.8	61.8	63.7	63.7	64.8	65.3
≥ 20000	7.7	50.4	57.7	66.0	67.3	67.6	68.7	69.2	69.8	71.2	71.9	71.9	73.8	73.9	75.1	75.7
≥ 18000	7.7	50.4	57.7	66.0	67.3	67.6	68.7	69.2	69.8	71.2	71.9	71.9	73.8	73.9	75.1	75.7
≥ 16000	7.7	50.4	57.7	66.0	67.3	67.6	68.7	69.2	69.8	71.2	71.9	71.9	73.8	73.9	75.1	75.7
≥ 14000	7.7	50.4	57.7	66.0	67.3	67.6	68.7	69.2	69.8	71.2	71.9	71.9	73.8	73.9	75.1	75.7
≥ 12000	7.7	50.4	57.9	66.3	67.6	67.9	69.0	69.5	70.0	71.5	72.2	72.2	74.1	74.2	75.4	75.9
≥ 10000	7.8	52.2	59.8	68.7	70.2	70.4	71.5	72.2	72.7	74.2	74.9	74.9	76.7	76.9	78.1	78.6
≥ 9000	7.8	52.4	60.2	69.1	70.6	70.8	71.9	72.6	73.1	74.6	75.3	75.3	77.2	77.3	78.5	79.0
≥ 8000	7.8	55.1	62.9	71.8	73.4	73.7	74.7	75.4	75.9	77.6	78.2	78.2	80.1	80.2	81.5	82.0
≥ 7000	7.8	55.2	63.2	72.0	73.7	73.9	75.0	75.7	76.2	77.8	78.5	78.5	80.4	80.5	81.7	82.3
≥ 6000	7.8	55.8	63.7	72.6	74.2	74.5	75.5	76.2	76.7	78.4	79.0	79.0	80.9	81.0	82.3	82.8
≥ 5000	7.8	56.7	64.7	73.5	75.1	75.4	76.5	77.2	77.7	79.3	80.0	80.0	81.9	82.0	83.2	83.7
≥ 4500	7.9	56.9	64.8	73.8	75.4	75.7	76.7	77.4	78.0	79.6	80.2	80.2	82.1	82.3	83.5	84.0
≥ 4000	7.9	58.3	66.3	75.4	77.0	77.3	78.4	79.0	79.6	81.5	82.1	82.1	84.0	84.1	85.3	85.9
≥ 3500	8.1	58.5	66.4	75.8	77.4	77.7	78.8	79.4	80.0	81.9	82.5	82.5	84.4	84.5	85.8	86.3
≥ 3000	8.3	58.7	66.8	76.2	77.8	78.1	79.3	80.0	80.5	82.4	83.1	83.1	84.9	85.1	86.3	86.8
≥ 2500	8.5	59.5	67.7	77.2	78.9	79.2	80.4	81.0	81.6	83.5	84.1	84.1	86.0	86.2	87.4	87.9
≥ 2000	8.5	60.3	68.7	78.1	79.8	80.1	81.3	82.1	82.7	84.5	85.2	85.2	87.1	87.2	88.4	89.0
≥ 1800	8.5	61.4	69.8	79.2	80.9	81.2	82.4	83.2	83.7	85.6	86.3	86.3	88.2	88.3	89.5	90.1
≥ 1500	8.5	62.2	70.6	80.4	82.1	82.5	83.7	84.7	85.2	87.1	87.8	87.8	89.8	89.9	91.1	91.7
≥ 1200	8.5	62.9	71.4	81.2	82.9	83.5	84.7	85.6	86.2	88.0	88.7	88.7	90.7	90.9	92.1	92.6
≥ 1000	8.5	63.4	71.9	81.9	83.6	84.1	85.3	86.3	86.8	88.7	89.4	89.4	91.4	91.5	92.7	93.3
≥ 900	8.5	64.1	72.6	82.5	84.4	84.9	86.2	87.1	87.6	89.5	90.2	90.2	92.2	92.3	93.5	94.1
≥ 800	8.5	64.5	73.1	83.5	85.3	85.9	87.1	88.0	88.6	90.6	91.3	91.3	93.3	93.4	94.6	95.2
≥ 700	8.5	64.5	73.3	83.6	85.5	86.0	87.2	88.2	88.7	90.7	91.4	91.4	93.4	93.5	94.8	95.3
≥ 600	8.5	64.8	73.7	84.0	85.9	86.4	87.6	88.6	89.1	91.1	91.8	91.8	93.8	94.0	95.2	95.7
≥ 500	8.5	64.9	74.1	84.5	86.7	87.2	88.6	89.7	90.2	92.2	92.9	92.9	94.9	95.0	96.2	96.8
≥ 400	8.5	65.1	74.2	84.8	87.0	87.5	88.8	90.1	90.6	92.6	93.3	93.3	95.3	95.4	96.6	97.2
≥ 300	8.5	65.1	74.2	84.8	87.0	87.5	88.8	90.2	90.7	92.7	93.4	93.4	95.4	95.6	96.8	97.3
≥ 200	8.5	65.1	74.2	84.8	87.0	87.5	88.8	90.3	90.9	93.0	93.7	93.7	95.7	95.8	97.0	97.6
≥ 100	8.5	65.2	74.3	84.9	87.1	87.6	89.0	90.5	91.0	93.1	93.8	93.8	96.0	96.1	97.4	98.4
≥ 0	8.5	65.2	74.3	84.9	87.1	87.6	89.0	90.5	91.0	93.1	93.8	93.8	96.0	96.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1089  
STATION

JACKSONVILLE FL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	7.0	30.9	37.5	42.7	45.8	48.0	51.2	51.9	52.7	53.6	54.0	54.2	55.2	55.4	56.6	57.8
≥ 20000	7.4	36.8	44.9	50.9	54.6	56.9	60.2	61.0	62.1	63.2	63.7	63.8	65.3	65.5	66.8	68.1
IV ≥ 18000	7.4	36.8	44.9	50.9	54.6	56.9	60.2	61.0	62.1	63.2	63.7	63.8	65.3	65.5	66.8	68.1
IV ≥ 16000	7.4	36.8	44.9	50.9	54.6	56.9	60.2	61.0	62.1	63.2	63.7	63.8	65.3	65.5	66.8	68.1
IV ≥ 14000	7.4	37.0	45.0	51.1	54.7	57.0	60.3	61.2	62.2	63.3	63.8	64.0	65.5	65.6	66.9	68.3
IV ≥ 12000	7.7	37.5	45.6	51.7	55.4	57.7	61.0	61.8	62.9	64.0	64.5	64.7	66.1	66.3	67.7	69.1
IV ≥ 10000	8.1	39.4	47.8	54.7	58.7	61.2	64.9	65.9	67.1	68.1	68.7	68.8	70.3	70.4	72.0	73.4
IV ≥ 9000	8.3	40.3	48.9	55.8	59.8	62.6	66.4	67.3	68.7	69.8	70.3	70.4	71.9	72.0	73.7	75.0
IV ≥ 8000	8.6	41.5	50.5	57.8	62.1	64.9	68.7	69.9	71.4	72.4	73.0	73.1	74.6	74.7	76.3	77.7
IV ≥ 7000	8.6	41.7	50.8	58.2	62.6	65.5	69.2	70.4	71.9	73.0	73.5	73.7	75.1	75.3	76.9	78.2
IV ≥ 6000	8.7	42.1	51.2	58.6	63.0	65.9	69.6	70.8	72.3	73.4	73.9	74.1	75.5	75.7	77.3	78.6
IV ≥ 5000	9.7	42.6	52.0	59.4	63.8	66.8	70.6	71.8	73.3	74.3	74.9	75.0	76.5	76.6	78.2	79.6
IV ≥ 4500	9.7	42.6	52.0	59.4	63.8	66.8	70.6	71.8	73.3	74.3	74.9	75.0	76.5	76.6	78.2	79.6
IV ≥ 4000	9.0	43.3	52.7	60.1	64.5	67.5	71.2	72.6	74.2	75.3	75.8	75.9	77.6	77.7	79.3	80.6
IV ≥ 3500	9.1	43.5	53.1	60.5	65.1	68.0	71.8	73.3	75.0	76.1	76.6	76.7	78.4	78.5	80.1	81.5
IV ≥ 3000	9.1	43.8	53.5	60.9	65.5	68.5	72.3	73.8	75.5	76.7	77.3	77.4	79.0	79.2	80.8	82.1
IV ≥ 2500	9.4	44.5	54.7	62.2	66.8	70.0	73.8	75.3	77.0	78.2	78.8	78.9	80.5	80.6	82.3	83.6
IV ≥ 2000	9.4	44.8	55.1	62.9	67.5	70.8	74.7	76.3	78.1	79.3	79.8	80.0	81.6	81.7	83.3	84.7
IV ≥ 1800	9.4	45.3	55.6	63.4	68.0	71.4	75.3	76.9	78.6	79.8	80.4	80.5	82.1	82.3	83.9	85.2
IV ≥ 1500	9.5	46.9	57.5	65.3	70.0	73.8	77.7	79.3	81.0	82.3	82.8	82.9	84.5	84.7	86.3	87.6
IV ≥ 1200	9.5	47.2	57.9	65.7	70.6	74.3	78.2	80.0	81.7	82.9	83.5	83.6	85.2	85.3	87.0	88.3
IV ≥ 1000	9.5	48.0	58.7	66.5	71.4	75.1	79.2	80.9	82.7	84.0	84.5	84.7	86.3	86.4	88.0	89.4
IV ≥ 900	9.5	48.7	60.1	67.9	72.7	76.5	80.5	82.3	84.1	85.5	86.0	86.2	87.8	87.9	89.5	90.9
IV ≥ 800	9.5	49.2	60.6	68.4	73.3	77.0	81.0	82.8	84.7	86.0	86.6	86.7	88.3	88.4	90.1	91.4
IV ≥ 700	9.5	49.2	60.6	68.5	73.4	77.2	81.2	82.9	84.8	86.2	86.7	86.8	88.4	88.6	90.2	91.5
IV ≥ 600	9.7	49.7	61.3	69.2	74.2	78.1	82.4	84.1	86.0	87.5	88.0	88.2	89.8	89.9	91.5	92.9
IV ≥ 500	9.7	49.9	61.6	69.6	74.7	78.6	83.3	85.1	87.1	89.0	89.5	89.7	91.4	91.5	93.1	94.5
IV ≥ 400	9.7	49.9	61.6	69.6	74.7	78.6	83.3	85.2	87.4	89.7	90.2	90.3	92.2	92.3	94.0	95.3
IV ≥ 300	9.7	49.9	61.6	69.6	75.0	78.9	83.6	85.6	87.9	90.5	91.1	91.3	93.1	93.3	94.9	96.2
IV ≥ 200	9.7	49.9	61.6	69.6	75.1	79.0	83.7	85.8	88.0	90.6	91.3	91.4	93.7	93.8	95.7	97.2
IV ≥ 100	9.7	49.9	61.6	69.6	75.1	79.0	83.7	85.8	88.0	90.6	91.3	91.4	93.8	94.0	96.5	98.1
IV ≥ 0	9.7	50.0	61.7	69.9	75.3	79.2	83.9	85.9	88.2	90.7	91.4	91.5	94.0	94.1	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	18.7	50.1	52.8	54.0	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	19.8	58.9	62.5	63.8	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	19.8	58.9	62.5	63.8	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	19.8	58.9	62.5	63.8	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	19.9	59.7	63.3	64.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	19.9	60.1	63.7	65.1	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	20.9	62.6	66.7	68.3	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	21.0	63.7	67.9	69.5	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	21.1	65.6	69.8	71.4	72.0	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	21.1	66.0	70.2	71.8	72.4	72.8	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	21.1	66.0	70.2	71.8	72.4	72.8	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	21.2	66.9	71.1	72.7	73.5	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	21.2	66.9	71.1	72.7	73.5	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	21.5	67.2	71.4	73.0	73.8	74.3	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	21.6	67.9	72.0	73.7	74.5	75.0	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	22.0	70.3	74.6	76.3	77.2	77.7	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	22.4	73.4	78.0	80.0	80.8	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	23.3	77.0	81.6	83.6	84.4	84.9	85.5	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	23.3	78.2	82.9	84.9	85.8	86.3	86.8	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	23.7	81.5	86.4	88.7	89.7	90.2	90.7	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	23.9	83.7	89.1	91.5	92.5	93.0	93.5	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	23.9	83.9	89.7	92.2	93.1	93.8	94.4	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	23.9	83.9	89.9	92.5	93.4	94.1	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	24.1	84.0	90.1	92.7	93.8	94.5	95.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	24.1	84.0	90.2	92.9	94.0	94.8	95.6	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	24.1	84.1	90.6	93.3	94.4	95.2	96.2	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	24.1	84.1	90.6	93.5	95.3	96.1	97.4	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	24.1	84.1	90.6	93.5	95.4	96.2	97.7	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	24.1	84.1	90.6	93.5	95.4	96.4	97.8	98.5	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	24.1	84.1	90.6	93.5	95.4	96.4	97.8	98.5	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	24.1	84.1	90.6	93.5	95.4	96.4	97.8	98.5	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	24.1	84.1	90.6	93.5	95.4	96.4	97.8	98.5	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	27.0	46.4	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	23.4	61.7	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	23.4	61.7	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	23.4	61.7	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	23.4	62.0	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	23.5	63.6	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	24.9	67.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	24.9	67.7	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	25.3	69.9	72.4	73.0	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	25.3	70.0	72.6	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	25.4	70.2	72.7	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	25.4	71.1	73.7	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	25.5	71.4	73.9	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	26.2	74.2	76.7	77.3	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	26.7	77.6	80.2	80.8	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	28.1	82.9	85.9	86.7	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	29.0	88.0	91.1	92.3	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	29.3	89.7	93.3	94.6	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	29.3	89.9	93.5	94.9	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	29.4	90.6	94.8	96.4	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	29.4	90.9	95.0	96.6	97.4	97.6	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	29.4	91.0	95.2	97.3	98.3	98.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	29.4	91.0	95.2	97.6	98.5	98.7	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	29.4	91.0	95.2	97.6	98.8	98.9	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	29.4	91.0	95.2	97.7	98.9	99.1	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	29.4	91.0	95.2	97.7	98.9	99.1	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	29.4	91.0	95.2	97.7	98.9	99.1	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	29.4	91.0	95.2	97.8	99.1	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.4	91.0	95.2	97.8	99.1	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.4	91.0	95.2	97.8	99.1	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.4	91.0	95.2	97.8	99.1	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.4	91.0	95.2	97.8	99.1	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17889

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	20.0	48.8	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥20000	24.2	65.5	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥18000	24.2	65.5	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥16000	24.2	65.5	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥14000	24.3	65.7	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥12000	24.5	67.7	71.4	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥10000	25.0	71.9	75.9	76.5	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥9000	25.0	72.7	76.7	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥8000	25.7	75.5	80.0	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥7000	25.7	75.7	80.1	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥6000	25.7	75.7	80.1	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥5000	25.7	76.2	80.6	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥4500	25.9	76.9	81.3	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥4000	26.5	79.6	84.1	85.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥3500	27.0	81.7	86.7	87.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥3000	27.6	84.7	89.9	91.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥2500	27.6	85.8	91.1	92.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥2000	27.7	86.4	92.9	94.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥1800	27.8	87.1	93.7	95.0	96.2	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥1500	28.3	87.5	94.4	95.7	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥1200	28.0	87.6	94.6	96.0	97.2	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥1000	28.0	88.0	95.3	96.8	98.1	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥900	28.0	88.0	95.3	96.8	98.1	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥800	28.0	88.0	95.3	96.8	98.3	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥700	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥600	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥500	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥400	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥300	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥200	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥100	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥0	28.0	88.0	95.3	96.8	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	16.4	49.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000 IV 6000	19.4	67.1	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000 IV 7000	19.4	67.1	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000 IV 9000	19.4	67.4	71.7	71.8	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000 IV 7000	19.4	69.3	74.1	74.3	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000 IV 5000	19.4	74.8	80.3	80.6	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500 IV 4000	19.4	75.2	80.9	81.1	81.5	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500 IV 3000	19.8	76.8	83.0	83.3	83.8	84.1	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500 IV 2000	19.9	77.4	84.0	84.2	84.8	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800 IV 1500	20.1	77.8	84.5	84.8	85.3	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200 IV 1000	20.1	73.2	85.0	85.3	85.8	86.3	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900 IV 800	20.1	73.3	85.2	85.4	86.0	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 700 IV 600	20.2	79.4	87.1	87.3	88.1	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 500 IV 400	20.4	79.9	87.7	88.0	89.8	90.2	90.4	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 300 IV 200	20.4	81.1	88.9	89.2	91.0	91.4	91.8	92.0	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5
≥ 100 IV 0	20.4	81.8	89.9	90.3	92.2	92.6	93.0	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7
	20.6	82.9	91.4	91.8	93.7	94.2	94.6	94.9	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3
	20.6	83.0	91.6	92.0	93.9	94.5	94.9	95.1	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6
	20.6	83.3	92.2	92.6	94.6	95.1	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
	20.9	83.7	92.9	93.4	95.4	96.0	96.5	96.8	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2
	20.9	84.0	93.4	94.1	96.1	96.6	97.3	97.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1
	20.9	84.1	93.5	94.5	96.5	97.2	97.8	98.1	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8
	20.9	84.2	93.7	94.6	96.8	97.4	98.1	98.4	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1
	20.9	84.2	93.7	94.7	97.0	97.7	98.4	98.7	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3
	20.9	84.2	93.7	94.7	97.2	97.8	98.5	98.8	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5
	20.9	84.2	93.7	94.7	97.2	98.0	98.7	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7
	20.9	84.2	93.7	94.7	97.2	98.2	98.9	99.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	20.9	84.2	93.7	94.7	97.2	98.2	98.9	99.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	20.9	84.2	93.7	94.7	97.2	98.2	98.9	99.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	20.9	84.2	93.7	94.7	97.2	98.2	98.9	99.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.2	56.8	59.6	60.7	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	14.3	68.7	72.6	74.6	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	14.8	68.7	72.6	74.6	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	14.9	68.8	72.7	74.8	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	14.9	68.8	72.7	74.9	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	15.1	71.0	75.0	77.3	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	15.1	75.2	79.5	81.8	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	15.1	75.8	80.2	82.5	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	15.4	78.0	83.0	85.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	15.5	78.7	83.7	86.1	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	15.9	79.2	84.2	86.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	15.9	80.4	85.8	88.3	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	15.9	80.7	86.1	88.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	15.9	81.8	87.3	89.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	15.9	83.1	89.1	91.5	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	16.1	84.3	90.3	92.7	93.8	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	16.3	84.9	90.8	93.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	16.6	85.3	91.5	93.9	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	16.7	85.4	92.0	94.5	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	16.7	85.7	92.7	95.1	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	17.0	86.9	94.1	96.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	17.0	87.0	94.2	96.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	17.3	87.2	94.3	96.9	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	17.3	87.3	94.5	97.0	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	17.3	87.3	94.5	97.0	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	17.0	87.3	94.5	97.0	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	17.0	87.3	94.6	97.2	98.2	98.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	17.0	87.6	94.9	97.7	98.9	98.9	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	17.0	87.6	94.9	97.8	99.1	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	17.0	87.6	94.9	97.8	99.1	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	17.0	87.6	94.9	97.8	99.1	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	17.0	87.6	94.9	97.8	99.1	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17889

JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	14.2	47.5	51.5	53.9	54.8	55.2	55.7	55.9	56.1	56.4	56.6	56.6	56.6	57.0	57.2	57.6
≥ 20000	15.9	59.0	63.6	66.6	67.7	68.2	68.8	69.0	69.2	69.6	69.8	69.8	69.8	70.2	70.3	70.9
≥ 18000	15.9	59.0	63.6	66.6	67.7	68.2	68.8	69.0	69.2	69.6	69.8	69.8	69.8	70.2	70.3	70.9
≥ 16000	15.9	59.0	63.6	66.6	67.7	68.2	68.8	69.0	69.2	69.6	69.8	69.8	69.8	70.2	70.3	70.9
≥ 14000	15.9	59.2	63.9	66.9	68.0	68.5	69.1	69.3	69.5	69.9	70.1	70.1	70.1	70.5	70.6	71.2
≥ 12000	16.7	60.4	65.3	68.3	69.4	69.9	70.5	70.7	70.9	71.3	71.5	71.5	71.5	71.9	72.0	72.6
≥ 10000	16.4	63.7	68.9	72.2	73.4	73.9	74.6	74.9	75.1	75.5	75.7	75.8	75.8	76.2	76.2	76.9
≥ 9000	16.5	64.3	69.6	73.0	74.2	74.7	75.5	75.8	76.0	76.4	76.6	76.6	76.6	77.0	77.1	77.7
≥ 8000	16.5	66.3	72.0	75.4	76.7	77.3	78.0	78.3	78.6	79.0	79.3	79.3	79.3	79.7	79.7	80.4
≥ 7000	16.5	66.8	72.5	75.9	77.3	77.9	78.6	78.9	79.2	79.6	79.8	79.9	80.3	80.3	80.7	81.0
≥ 6000	16.9	67.1	72.8	76.3	77.6	78.2	78.9	79.3	79.6	80.0	80.2	80.2	80.6	80.6	81.0	81.3
≥ 5000	17.0	67.9	73.8	77.2	78.6	79.3	80.0	80.3	80.6	81.0	81.2	81.2	81.7	81.7	82.1	82.3
≥ 4500	17.1	68.1	74.0	77.5	78.8	79.5	80.2	80.5	80.8	81.3	81.5	81.5	81.9	81.9	82.3	82.6
≥ 4000	17.3	69.5	75.5	79.0	80.5	81.1	81.9	82.2	82.5	83.0	83.2	83.2	83.7	83.7	84.1	84.3
≥ 3500	17.5	70.6	76.7	80.3	82.0	82.6	83.4	83.8	84.1	84.5	84.7	84.8	85.2	85.3	85.7	85.9
≥ 3000	17.3	72.4	79.7	82.3	84.0	84.6	85.5	85.9	86.2	86.7	86.9	86.9	87.4	87.4	87.8	88.0
≥ 2500	18.1	74.0	80.5	84.3	86.0	86.7	87.5	87.9	88.3	88.7	88.9	89.0	89.4	89.5	89.8	90.1
≥ 2000	18.4	75.2	82.0	85.8	87.6	88.3	89.2	89.6	89.9	90.4	90.7	90.7	91.1	91.2	91.6	91.8
≥ 1800	18.4	75.7	82.6	86.5	88.2	89.0	89.8	90.3	90.6	91.1	91.3	91.4	91.8	91.8	92.2	92.5
≥ 1500	18.5	76.8	84.0	88.0	89.8	90.6	91.4	91.9	92.3	92.8	93.0	93.0	93.5	93.5	93.9	94.1
≥ 1200	18.6	77.5	84.9	88.9	90.8	91.6	92.5	93.0	93.3	93.9	94.1	94.1	94.6	94.6	95.0	95.3
≥ 1000	18.6	77.8	85.3	89.5	91.4	92.2	93.2	93.7	94.0	94.6	94.8	94.9	95.3	95.4	95.8	96.0
≥ 900	18.6	78.0	85.8	89.9	91.8	92.7	93.7	94.2	94.6	95.2	95.4	95.4	95.9	95.9	96.3	96.6
≥ 800	18.6	78.2	85.8	90.2	92.2	93.1	94.1	94.6	95.0	95.6	95.8	95.8	96.4	96.4	96.8	97.0
≥ 700	18.6	78.3	85.9	90.3	92.3	93.3	94.3	94.8	95.2	95.8	96.0	96.0	96.6	96.6	97.0	97.2
≥ 600	18.6	78.4	86.1	90.5	92.6	93.5	94.6	95.1	95.5	96.2	96.4	96.4	96.9	97.0	97.3	97.6
≥ 500	18.6	78.4	86.2	90.7	92.9	93.9	95.0	95.8	96.2	96.9	97.1	97.1	97.7	97.7	98.1	98.3
≥ 400	18.6	78.5	86.3	90.9	93.2	94.1	95.3	96.1	96.6	97.3	97.5	97.6	98.1	98.2	98.6	98.8
≥ 300	18.6	78.5	86.3	90.9	93.2	94.2	95.4	96.2	96.7	97.5	97.8	97.8	98.4	98.4	98.8	99.0
≥ 200	18.6	78.5	86.3	91.0	93.3	94.2	95.4	96.3	96.7	97.6	97.8	97.9	98.5	98.5	98.9	99.2
≥ 100	18.6	78.5	86.3	91.0	93.3	94.3	95.5	96.3	96.8	97.6	97.9	97.9	98.6	98.6	99.2	99.5
≥ 0	18.6	78.5	86.3	91.0	93.3	94.3	95.5	96.3	96.8	97.6	97.9	97.9	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.6	52.5	58.3	61.0	62.4	62.5	62.5	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.3	63.3
≥ 20000	4.3	66.3	73.2	76.4	77.8	77.9	77.9	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.9	78.8
≥ 18000	4.3	66.3	73.2	76.4	77.8	77.9	77.9	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.8	78.8
≥ 16000	4.3	66.4	73.3	76.5	77.9	78.1	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.8	78.9	78.9
≥ 14000	4.3	66.4	73.3	76.5	77.9	78.1	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.8	78.9	78.9
≥ 12000	4.4	68.3	75.3	78.6	80.0	80.1	80.1	80.6	80.6	80.7	80.7	80.7	80.8	80.8	81.0	81.0
≥ 10000	4.6	71.9	79.3	82.9	84.6	84.7	84.7	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.6	85.6
≥ 9000	4.6	72.1	79.4	83.1	84.7	84.9	84.9	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.7	85.7
≥ 8000	5.0	75.4	83.2	86.8	88.5	88.6	88.6	89.0	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.6
≥ 7000	5.1	75.8	83.6	87.2	88.9	89.0	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.9	89.9	90.0
≥ 6000	5.1	76.1	83.9	87.5	89.2	89.3	89.3	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.3	90.3
≥ 5000	5.3	76.9	84.7	88.3	90.0	90.1	90.1	90.6	90.7	90.8	90.8	90.8	91.0	91.0	91.1	91.1
≥ 4500	5.3	77.1	84.9	88.5	90.1	90.3	90.3	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.3	91.3
≥ 4000	5.3	77.8	85.6	89.2	90.8	91.0	91.0	91.4	91.5	91.7	91.7	91.7	91.8	91.8	91.9	91.9
≥ 3500	5.4	78.3	86.4	90.0	91.7	91.8	91.8	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.8	92.8
≥ 3000	5.7	79.2	87.2	90.8	92.5	92.6	92.6	93.1	93.2	93.3	93.5	93.5	93.6	93.6	93.8	93.8
≥ 2500	5.7	79.9	87.9	91.5	93.2	93.3	93.3	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.4
≥ 2000	5.7	81.4	89.6	93.2	94.9	95.0	95.0	95.4	95.6	95.7	95.8	95.8	96.0	96.0	96.1	96.1
≥ 1800	5.7	81.8	90.0	93.6	95.3	95.4	95.4	95.8	96.0	96.1	96.3	96.3	96.4	96.4	96.5	96.5
≥ 1500	5.7	82.6	90.8	94.6	96.3	96.4	96.4	96.8	96.9	97.1	97.2	97.2	97.4	97.4	97.5	97.5
≥ 1200	5.7	83.2	91.4	95.1	96.8	96.9	97.1	97.5	97.6	97.8	97.9	97.9	98.1	98.1	98.2	98.2
≥ 1000	5.7	83.2	91.4	95.1	96.8	96.9	97.1	97.5	97.6	97.8	97.9	97.9	98.1	98.1	98.2	98.2
≥ 900	5.7	83.3	91.5	95.3	96.9	97.1	97.2	97.6	97.8	97.9	98.1	98.1	98.2	98.2	98.3	98.3
≥ 800	5.7	83.5	91.9	95.7	97.4	97.5	97.6	98.1	98.2	98.3	98.5	98.5	98.6	98.6	98.8	98.8
≥ 700	5.7	83.5	91.9	95.7	97.4	97.5	97.6	98.2	98.3	98.5	98.6	98.6	98.8	98.8	98.9	98.9
≥ 600	5.7	83.5	91.9	95.7	97.4	97.5	97.6	98.2	98.3	98.5	98.6	98.6	98.8	98.8	98.9	98.9
≥ 500	5.7	83.8	92.2	96.0	97.6	97.8	97.9	98.8	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4
≥ 400	5.7	83.8	92.2	96.0	97.6	97.8	97.9	98.8	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	5.7	83.8	92.4	96.1	97.8	97.9	98.1	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	5.7	83.8	92.4	96.1	97.8	97.9	98.1	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥ 100	5.7	83.8	92.4	96.1	97.8	97.9	98.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	5.7	83.8	92.4	96.1	97.8	97.9	98.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	3.9	49.0	56.0	62.5	64.4	64.7	65.4	66.3	66.4	66.7	66.7	66.7	67.6	67.9	68.5	68.6
≥ 20000	4.7	57.4	65.8	73.1	75.1	75.6	76.4	77.4	77.5	77.8	77.8	77.8	78.9	79.2	79.7	79.9
≥ 18000	4.7	57.4	65.8	73.1	75.1	75.6	76.4	77.4	77.5	77.8	77.8	77.8	78.9	79.2	79.7	79.9
≥ 16000	4.7	57.4	65.8	73.1	75.1	75.6	76.4	77.4	77.5	77.8	77.8	77.8	78.9	79.2	79.7	79.9
≥ 14000	4.7	57.4	65.8	73.1	75.1	75.6	76.4	77.4	77.5	77.8	77.8	77.8	78.9	79.2	79.7	79.9
≥ 12000	5.0	59.0	67.5	74.7	76.8	77.2	78.1	79.0	79.2	79.4	79.4	79.4	80.6	80.8	81.5	81.7
≥ 10000	5.3	62.2	71.1	78.3	80.6	81.0	81.8	82.8	82.9	83.2	83.2	83.2	84.3	84.6	85.3	85.4
≥ 9000	5.3	62.2	71.1	78.3	80.6	81.0	81.8	82.8	82.9	83.2	83.2	83.2	84.3	84.6	85.3	85.4
≥ 8000	5.3	64.6	73.5	80.8	83.1	83.5	84.6	85.6	85.7	86.0	86.0	86.0	87.1	87.4	88.1	88.2
≥ 7000	5.6	65.0	74.0	81.5	83.8	84.2	85.3	86.3	86.4	86.7	86.7	86.7	87.8	88.1	88.8	88.9
≥ 6000	5.8	65.3	74.3	81.9	84.2	84.6	85.7	86.7	86.8	87.2	87.2	87.2	88.3	88.6	89.3	89.4
≥ 5000	6.0	66.5	75.6	83.2	85.4	85.8	86.9	87.9	88.1	88.5	88.5	88.5	89.6	89.9	90.6	90.7
≥ 4500	6.0	66.5	75.6	83.2	85.4	85.8	86.9	87.9	88.1	88.5	88.5	88.5	89.6	89.9	90.6	90.7
≥ 4000	6.0	67.2	76.3	83.9	86.1	86.5	87.6	88.6	88.8	89.2	89.2	89.2	90.3	90.6	91.3	91.4
≥ 3500	6.0	67.9	76.9	84.6	86.8	87.2	88.3	89.3	89.4	89.9	89.9	89.9	91.0	91.3	91.9	92.1
≥ 3000	6.0	68.6	77.6	85.3	87.5	87.9	89.0	90.0	90.1	90.6	90.6	90.6	91.7	91.9	92.6	92.8
≥ 2500	6.0	69.8	78.6	86.3	88.5	88.9	90.0	91.0	91.3	91.7	91.7	91.7	92.8	93.1	93.8	93.9
≥ 2000	6.0	70.8	79.9	87.5	89.7	90.1	91.3	92.2	92.5	92.9	92.9	92.9	94.0	94.3	95.0	95.1
≥ 1800	6.0	71.1	80.1	87.8	90.0	90.4	91.5	92.5	92.8	93.2	93.2	93.2	94.3	94.6	95.3	95.4
≥ 1500	6.0	71.3	80.3	88.2	90.4	90.8	91.9	92.9	93.2	93.6	93.6	93.6	94.7	95.0	95.7	95.8
≥ 1200	6.0	71.3	80.3	88.2	90.4	90.8	91.9	92.9	93.2	93.6	93.6	93.6	94.7	95.0	95.7	95.8
≥ 1000	6.0	71.4	80.4	88.3	90.7	91.1	92.4	93.3	93.6	94.0	94.0	94.0	95.1	95.4	96.1	96.3
≥ 900	6.0	71.5	80.6	88.5	90.8	91.3	92.5	93.5	93.8	94.2	94.2	94.2	95.3	95.6	96.3	96.4
≥ 800	6.0	71.7	80.8	88.8	91.1	91.5	92.8	93.9	94.2	94.6	94.6	94.6	95.7	96.0	96.7	96.8
≥ 700	6.0	72.1	81.3	89.2	91.5	91.9	93.3	94.6	94.9	95.3	95.3	95.3	96.4	96.7	97.4	97.5
≥ 600	6.0	72.1	81.5	89.6	91.9	92.4	93.8	95.0	95.3	95.7	95.7	95.7	96.8	97.1	97.8	97.9
≥ 500	6.0	72.5	81.9	90.0	92.4	92.8	94.2	95.4	95.7	96.1	96.1	96.1	97.2	97.5	98.2	98.3
≥ 400	6.0	72.6	82.1	90.1	92.5	92.9	94.3	95.7	96.0	96.4	96.4	96.4	97.5	97.8	98.5	98.6
≥ 300	6.0	72.8	82.2	90.3	92.6	93.1	94.4	96.0	96.3	96.7	96.7	96.7	97.8	98.1	98.8	98.9
≥ 200	6.0	72.8	82.2	90.3	92.6	93.1	94.4	96.1	96.7	97.1	97.2	97.2	98.3	98.6	99.3	99.4
≥ 100	6.0	72.8	82.2	90.3	92.6	93.1	94.4	96.1	96.7	97.2	97.4	97.4	98.5	98.8	99.9	100.0
≥ 0	6.0	72.8	82.2	90.3	92.6	93.1	94.4	96.1	96.7	97.2	97.4	97.4	98.5	98.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1789

JACKSONVILLE FL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	5.4	37.2	43.5	48.3	52.1	53.5	57.4	57.9	58.3	59.2	59.4	59.4	59.7	60.0	60.0	60.0
≥ 20000	7.1	45.0	52.2	57.9	62.1	63.6	67.8	68.6	69.2	70.6	70.8	70.8	71.1	71.4	71.4	71.5
≥ 18000	7.1	45.0	52.2	57.9	62.1	63.6	67.8	68.6	69.2	70.6	70.8	70.8	71.1	71.4	71.4	71.5
≥ 16000	7.1	45.0	52.2	57.9	62.1	63.6	67.8	68.6	69.2	70.6	70.8	70.8	71.1	71.4	71.4	71.5
≥ 14000	7.4	45.8	53.2	59.0	63.2	64.7	68.9	69.7	70.3	71.7	71.9	71.9	72.2	72.5	72.5	72.6
≥ 12000	6.3	49.0	57.1	62.9	67.2	68.9	73.2	74.3	74.9	76.3	76.5	76.5	76.8	77.1	77.1	77.2
≥ 10000	8.5	53.2	61.9	68.2	72.8	74.7	79.2	80.3	80.8	82.4	82.6	82.6	82.9	83.2	83.2	83.3
≥ 9000	8.5	53.2	61.9	68.2	72.8	74.7	79.3	80.4	81.0	82.5	82.8	82.8	83.1	83.3	83.3	83.5
≥ 8000	6.8	54.6	63.8	70.1	74.9	76.8	81.4	82.5	83.2	84.7	85.0	85.0	85.3	85.6	85.6	85.7
≥ 7000	8.8	54.7	63.9	70.4	75.1	77.1	81.7	82.8	83.5	85.0	85.3	85.3	85.6	85.8	85.8	86.0
≥ 6000	9.1	55.1	64.3	70.8	75.6	77.8	82.4	83.5	84.2	85.8	86.1	86.1	86.4	86.7	86.7	86.8
≥ 5000	9.0	55.7	64.9	71.4	76.1	78.3	82.9	84.0	84.7	86.4	86.7	86.7	86.9	87.2	87.2	87.4
≥ 4500	9.0	55.7	64.9	71.4	76.1	78.3	82.9	84.0	84.7	86.4	86.7	86.7	86.9	87.2	87.2	87.4
≥ 4000	9.0	55.8	65.6	72.2	77.2	79.6	84.2	85.3	86.0	87.6	87.9	87.9	88.2	88.5	88.5	88.6
≥ 3500	9.3	56.9	66.7	73.3	78.3	80.7	85.3	86.4	87.1	88.8	89.0	89.0	89.3	89.6	89.6	89.7
≥ 3000	9.9	58.1	67.9	74.6	79.6	81.9	86.5	87.6	88.3	90.0	90.3	90.3	90.6	90.8	90.9	91.0
≥ 2500	9.9	58.2	68.2	74.9	79.9	82.4	86.9	88.1	88.8	90.4	90.7	90.7	91.0	91.3	91.3	91.4
≥ 2000	9.9	58.8	68.8	75.7	80.7	83.2	87.9	89.0	89.7	91.4	91.7	91.7	91.9	92.2	92.2	92.4
≥ 1800	9.9	58.9	68.9	75.8	80.8	83.3	88.1	89.2	89.9	91.5	91.8	91.8	92.1	92.4	92.4	92.5
≥ 1500	9.9	59.2	69.2	76.1	81.1	83.8	88.8	89.9	90.6	92.2	92.5	92.5	92.8	93.1	93.1	93.2
≥ 1200	9.9	59.3	69.3	76.3	81.3	83.9	89.0	90.1	90.9	92.5	92.8	92.8	93.1	93.3	93.3	93.5
≥ 1000	9.9	59.4	69.4	76.4	81.4	84.0	89.2	90.4	91.1	92.8	93.1	93.1	93.3	93.6	93.6	93.8
≥ 900	9.9	59.6	69.6	76.7	81.7	84.3	89.6	90.8	91.5	93.2	93.5	93.5	93.8	94.0	94.0	94.2
≥ 800	10.0	59.9	70.0	77.1	82.1	84.7	90.1	91.4	92.1	93.8	94.0	94.0	94.3	94.6	94.6	94.7
≥ 700	10.0	59.9	70.0	77.2	82.4	85.0	90.6	91.8	92.5	94.2	94.4	94.4	94.7	95.0	95.0	95.1
≥ 600	10.0	60.3	70.8	78.2	83.3	86.0	91.8	93.1	93.8	95.4	95.7	95.7	96.0	96.3	96.3	96.4
≥ 500	10.0	60.4	71.0	78.5	83.8	86.4	92.2	93.9	94.6	96.4	96.7	96.7	96.9	97.2	97.2	97.4
≥ 400	10.0	60.4	71.0	78.5	83.8	86.5	92.4	94.3	95.0	96.8	97.1	97.1	97.4	97.6	97.6	97.8
≥ 300	10.0	60.4	71.1	78.6	83.9	86.7	92.6	94.6	95.3	97.4	97.6	97.6	97.9	98.2	98.2	98.3
≥ 200	10.0	60.4	71.1	78.6	83.9	86.7	92.6	94.6	95.3	97.5	97.9	97.9	98.8	99.0	99.0	99.2
≥ 100	10.0	60.4	71.1	78.6	83.9	86.7	92.6	94.6	95.3	97.5	97.9	97.9	98.8	99.0	99.0	99.7
≥ 0	10.0	60.4	71.1	78.6	83.9	86.7	92.6	94.6	95.3	97.5	97.9	97.9	98.8	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1981-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	15.9	50.8	53.5	53.9	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	19.3	61.7	65.3	65.8	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	19.3	61.7	65.3	65.8	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	19.3	61.8	65.4	66.0	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	19.7	62.5	66.1	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	20.3	64.9	68.6	69.3	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	20.4	68.8	72.6	73.3	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	20.7	69.3	73.3	74.2	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	21.1	69.9	74.2	75.1	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	21.1	70.0	74.3	75.3	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	21.3	70.1	74.4	75.4	75.8	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	21.3	70.4	74.7	75.7	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	21.3	70.4	74.7	75.7	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	21.4	71.1	75.4	76.5	76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	21.7	72.5	76.8	77.9	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	22.5	75.0	79.3	80.4	80.8	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	23.3	79.6	84.2	85.6	86.0	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	24.4	83.2	87.8	89.4	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	24.9	84.4	89.0	90.7	91.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	25.0	85.7	90.6	92.2	92.6	92.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	25.1	87.5	92.6	94.3	95.0	95.0	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	25.6	88.5	93.8	95.4	96.1	96.1	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	25.7	89.2	94.4	96.3	96.9	97.1	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	25.7	89.3	94.7	96.5	97.2	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	25.8	89.6	95.0	96.8	97.5	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	25.8	89.7	95.1	96.9	97.6	97.8	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	25.8	89.7	95.1	97.2	97.9	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	25.8	89.7	95.3	97.4	98.1	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	25.8	89.7	95.3	97.4	98.1	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	25.8	89.7	95.3	97.4	98.1	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	25.8	89.7	95.3	97.4	98.1	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	25.8	89.7	95.3	97.4	98.1	98.5	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

CLIMATE CLIMATOLOGY BRANCH  
AF/ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1700-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	12.4	42.9	44.3	44.4	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	16.5	57.5	58.9	59.3	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	16.5	57.5	58.9	59.3	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	16.5	57.9	59.3	59.7	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	16.7	58.1	59.4	59.9	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	16.7	59.4	60.8	61.3	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	18.3	63.3	64.7	65.1	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	18.3	63.9	65.3	65.7	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	19.5	64.7	66.4	66.8	67.5	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	19.5	64.9	66.5	67.1	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	18.5	65.6	67.2	67.8	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	18.3	66.3	67.9	68.5	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	18.8	66.5	68.2	68.8	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	19.9	70.7	72.4	72.9	73.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	21.3	76.1	78.1	78.6	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	24.7	83.6	85.7	86.5	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	26.7	88.9	91.3	92.1	92.9	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	26.1	90.4	93.1	94.0	94.9	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	26.1	90.6	93.2	94.2	95.0	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	26.5	91.8	94.6	95.7	96.7	96.9	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	26.7	92.4	95.1	96.4	97.4	97.6	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	26.7	92.4	95.3	96.5	97.5	97.8	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	26.7	92.4	95.3	96.9	97.9	98.2	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	26.7	92.4	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	26.7	92.4	95.3	97.2	98.2	98.5	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	26.7	92.4	95.3	97.2	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72

62  
CLERICAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	12.3	41.2	43.2	44.6	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	16.5	56.5	62.6	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	16.5	58.5	62.6	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	16.5	58.5	62.6	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	16.7	59.0	63.2	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	16.3	61.9	66.1	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	18.2	67.8	72.2	74.4	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	18.2	67.9	72.4	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	18.3	69.0	73.8	76.1	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	18.5	69.4	74.4	76.8	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	18.8	70.4	75.4	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	19.0	71.0	76.0	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	19.3	71.7	76.8	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	21.3	76.5	81.8	84.3	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	22.5	79.4	85.7	87.6	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	23.5	84.0	89.7	92.5	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	23.6	85.6	91.3	94.2	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	23.3	87.1	93.1	96.0	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	23.3	87.1	93.1	96.0	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	23.9	87.5	93.5	96.7	97.9	98.1	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	23.9	87.5	93.8	96.9	98.3	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	23.9	87.5	93.9	97.1	98.3	98.5	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	23.9	87.5	93.9	97.1	98.3	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	23.3	87.5	93.9	97.1	98.3	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	23.9	87.5	93.9	97.2	98.5	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	23.9	87.5	93.9	97.2	98.5	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	23.9	87.5	93.9	97.2	98.5	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	23.9	87.5	93.9	97.2	98.5	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	23.9	87.5	93.9	97.2	98.5	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	23.9	87.5	93.9	97.2	98.5	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	23.9	87.5	93.9	97.2	98.5	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	23.9	87.5	93.9	97.2	98.5	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	8.5 12.6	40.3 57.4	42.5 61.5	43.6 63.3	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4	44.4 64.4
≥ 18000	12.6	57.4	61.5	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	12.6	57.4	61.5	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	12.6	58.2	62.4	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	12.6	61.1	65.7	67.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	14.7	67.9	73.3	75.3	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9500	14.9	68.5	73.9	75.8	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	15.4	71.8	77.8	79.9	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	15.6	72.6	78.9	81.0	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	15.3	73.5	79.7	81.8	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	16.1	74.0	80.4	82.5	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	16.3	74.4	80.8	83.2	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	16.4	75.6	81.9	84.4	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	17.1	77.8	84.6	87.1	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	17.2	80.0	87.2	90.0	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	17.5	81.0	88.2	91.1	93.1	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	17.6	82.4	89.7	92.8	94.7	95.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.4	96.4	96.4
≥ 1800	17.6	82.8	90.1	93.2	95.1	95.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9
≥ 1500	17.6	83.8	91.1	94.3	96.3	96.7	97.8	97.8	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2
≥ 1200	17.6	84.0	91.4	94.7	96.7	97.1	98.2	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1000	17.6	84.3	91.8	95.1	97.1	97.5	98.6	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	17.6	84.3	91.8	95.1	97.1	97.5	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 800	17.6	84.3	91.8	95.1	97.1	97.5	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	17.6	84.3	91.8	95.1	97.1	97.5	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	17.6	84.3	91.8	95.1	97.1	97.5	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	17.6	84.3	91.8	95.1	97.1	97.6	99.0	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	17.6	84.3	91.8	95.1	97.1	97.6	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	17.6	84.3	91.8	95.1	97.1	97.6	99.0	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	17.6	84.3	91.8	95.1	97.1	97.6	99.0	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	17.6	84.3	91.8	95.1	97.1	97.6	99.0	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	17.5	84.3	91.8	95.1	97.1	97.6	99.0	99.3	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

2  
GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATTN: WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	6.8	46.1	48.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	8.9	64.3	68.2	70.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	8.9	64.3	68.2	70.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	8.9	64.3	68.2	70.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	8.9	65.0	68.9	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	8.9	67.5	71.5	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	9.4	73.3	78.2	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	9.7	73.9	78.9	81.8	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	10.0	76.8	82.6	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	10.0	77.2	83.2	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	10.0	77.6	83.6	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	10.0	78.8	84.7	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	10.0	79.0	85.0	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	10.0	80.1	86.3	89.3	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	10.1	81.4	87.6	90.7	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	10.1	82.1	88.5	91.7	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	10.6	84.0	90.4	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	10.6	85.1	91.8	95.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	10.6	85.1	91.9	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	10.6	85.8	92.8	96.3	96.5	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	10.6	86.7	93.6	97.4	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	10.6	86.8	93.9	97.8	98.3	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	10.6	86.8	93.9	97.8	98.3	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	10.6	86.9	94.0	97.9	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	10.6	87.1	94.2	98.1	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	10.6	87.4	94.4	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	10.6	87.4	94.4	98.5	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	10.6	87.4	94.4	98.5	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	10.6	87.4	94.4	98.5	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	10.6	87.4	94.4	98.5	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.6	87.4	94.4	98.5	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	10.6	87.4	94.4	98.5	99.0	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

11 89

JACKSONVILLE FL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	8.7	45.0	43.7	51.1	52.3	52.6	53.2	53.4	53.5	53.6	53.7	53.7	53.8	53.9	54.0	54.0
≥ 20000	11.3	53.5	63.5	66.4	67.7	68.1	68.7	69.0	69.1	69.3	69.4	69.4	69.5	69.6	69.7	69.7
≥ 18000	11.3	53.5	63.5	66.4	67.7	68.1	68.7	69.0	69.1	69.3	69.4	69.4	69.5	69.6	69.7	69.7
≥ 16000	11.3	53.6	63.6	66.5	67.8	68.1	68.8	69.1	69.2	69.4	69.4	69.4	69.6	69.7	69.8	69.8
≥ 14000	11.4	59.0	64.0	67.0	68.3	68.6	69.3	69.6	69.7	69.9	69.9	69.9	70.1	70.2	70.3	70.3
≥ 12000	11.7	61.4	66.6	69.6	71.0	71.3	72.0	72.3	72.4	72.6	72.7	72.7	72.9	72.9	73.0	73.1
≥ 10000	12.4	66.1	71.7	74.8	76.3	76.7	77.5	77.8	77.9	78.1	78.1	78.1	78.3	78.4	78.5	78.5
≥ 9000	12.5	66.4	72.7	75.2	76.7	77.1	77.8	78.2	78.2	78.5	78.5	78.5	78.7	78.8	78.9	78.9
≥ 8000	12.8	68.4	74.4	77.7	79.2	79.6	80.4	80.7	80.9	81.1	81.1	81.1	81.3	81.4	81.5	81.5
≥ 7000	12.9	68.7	74.9	78.2	79.7	80.1	80.9	81.3	81.4	81.6	81.6	81.6	81.8	81.9	82.0	82.0
≥ 6000	13.0	69.2	75.4	78.7	80.3	80.7	81.6	81.9	82.0	82.3	82.3	82.3	82.5	82.6	82.7	82.7
≥ 5000	13.2	67.9	76.1	79.5	81.0	81.5	82.3	82.6	82.8	83.0	83.1	83.1	83.3	83.3	83.4	83.5
≥ 4500	13.2	70.2	76.4	79.7	81.3	81.8	82.6	82.9	83.0	83.3	83.4	83.4	83.5	83.6	83.7	83.8
≥ 4000	13.6	71.9	78.1	81.6	83.2	83.7	84.5	84.8	85.0	85.2	85.3	85.3	85.5	85.5	85.6	85.7
≥ 3500	14.3	73.8	80.3	83.7	85.3	85.9	86.7	87.0	87.1	87.4	87.4	87.4	87.6	87.7	87.8	87.8
≥ 3000	15.0	76.3	82.9	86.5	88.1	88.6	89.5	89.8	89.9	90.2	90.2	90.2	90.4	90.5	90.6	90.6
≥ 2500	15.4	78.3	85.0	88.6	90.3	90.9	91.8	92.1	92.2	92.5	92.6	92.6	92.8	92.8	93.0	93.0
≥ 2000	15.5	79.9	86.7	90.5	92.2	92.7	93.7	94.1	94.2	94.5	94.5	94.5	94.8	94.8	94.9	95.0
≥ 1800	15.6	80.2	87.0	90.8	92.5	93.1	94.1	94.4	94.6	94.9	94.9	94.9	95.1	95.2	95.3	95.3
≥ 1500	15.6	81.0	87.8	91.8	93.5	94.0	95.1	95.5	95.7	96.0	96.1	96.1	96.3	96.3	96.4	96.5
≥ 1200	15.7	81.5	88.4	92.4	94.2	94.7	95.9	96.3	96.4	96.7	96.8	96.8	97.0	97.1	97.2	97.2
≥ 1000	15.7	81.7	88.7	92.7	94.5	95.1	96.2	96.6	96.8	97.1	97.2	97.2	97.4	97.5	97.6	97.6
≥ 900	15.7	81.8	88.9	93.0	94.8	95.3	96.5	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.9	97.9
≥ 800	15.8	81.9	89.1	93.2	95.0	95.5	96.8	97.2	97.4	97.7	97.8	97.8	98.0	98.1	98.2	98.2
≥ 700	15.9	82.0	89.2	93.3	95.1	95.7	97.0	97.5	97.6	98.0	98.1	98.1	98.3	98.3	98.4	98.5
≥ 600	15.8	82.1	89.4	93.6	95.4	96.0	97.3	97.8	98.0	98.3	98.4	98.4	98.6	98.7	98.8	98.8
≥ 500	15.8	82.2	89.5	93.7	95.6	96.2	97.5	98.2	98.4	98.8	98.8	98.8	99.0	99.1	99.2	99.2
≥ 400	15.8	82.3	89.5	93.8	95.6	96.3	97.6	98.4	98.6	98.9	99.0	99.0	99.2	99.3	99.4	99.4
≥ 300	15.8	82.3	89.5	93.8	95.7	96.3	97.7	98.5	98.7	99.1	99.2	99.2	99.4	99.5	99.6	99.6
≥ 200	15.8	82.3	89.5	93.8	95.7	96.3	97.7	98.5	98.7	99.2	99.3	99.3	99.6	99.7	99.8	99.8
≥ 100	15.8	82.3	89.5	93.8	95.7	96.3	97.7	98.5	98.8	99.2	99.4	99.4	99.6	99.7	99.9	100.0
≥ 0	15.3	82.3	89.5	93.8	95.7	96.3	97.7	98.5	98.8	99.2	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	5.2	59.1	61.9	64.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	7.0	76.2	79.7	83.3	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	7.0	76.2	79.7	83.3	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 16000	7.0	76.2	79.7	83.3	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	7.0	76.3	79.8	83.5	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	7.0	77.8	81.3	84.9	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	7.0	82.5	86.0	89.7	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 9000	7.0	82.5	86.3	89.9	91.1	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	7.1	83.6	87.5	91.3	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	7.1	84.3	88.2	91.9	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	7.1	85.1	89.1	92.9	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	7.4	85.6	89.7	93.5	94.8	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	7.4	85.8	89.8	93.7	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	7.4	86.0	90.1	94.0	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	7.4	86.7	90.7	94.8	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	7.4	87.1	91.3	95.4	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	7.4	87.6	91.8	96.0	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	7.4	87.8	91.9	96.1	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	7.4	87.8	91.9	96.1	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	7.4	88.2	92.3	96.5	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	7.4	88.2	92.3	96.5	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	7.4	88.2	92.3	96.5	97.7	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	7.4	88.2	92.3	96.5	97.7	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	7.4	88.3	92.5	96.6	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	7.4	88.3	92.5	96.6	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	7.4	88.3	92.5	96.6	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	7.4	88.3	92.5	96.6	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	7.4	88.3	92.5	96.6	98.0	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	7.4	88.3	92.5	96.6	98.0	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	7.4	88.3	92.5	96.6	98.0	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	7.4	88.3	92.5	96.6	98.0	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	7.4	88.3	92.5	96.6	98.0	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 744

CLERICAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1789

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	2.6	59.1	63.1	67.2	68.0	68.5	69.8	69.9	70.0	70.2	70.2	70.2	71.0	71.0	71.5	72.0
≥ 20000	2.3	70.8	76.1	80.6	82.0	83.2	84.4	84.5	84.9	85.1	85.1	85.1	85.9	85.9	86.6	87.1
≥ 18000	2.3	70.8	76.1	80.6	82.0	83.2	84.4	84.5	84.9	85.1	85.1	85.1	85.9	85.9	86.6	87.1
≥ 16000	2.3	70.8	76.1	80.6	82.0	83.2	84.4	84.5	84.9	85.1	85.1	85.1	85.9	85.9	86.6	87.1
≥ 14000	2.3	70.8	76.1	80.6	82.0	83.2	84.4	84.5	84.9	85.1	85.1	85.1	85.9	85.9	86.6	87.1
≥ 12000	2.3	71.1	76.5	81.0	82.4	83.6	84.8	84.9	85.3	85.5	85.5	85.5	86.3	86.3	87.0	87.5
≥ 10000	3.0	74.9	80.2	85.2	86.6	87.8	89.0	89.2	89.7	89.8	89.8	89.8	90.6	90.6	91.3	91.8
≥ 9000	3.0	75.0	80.4	85.5	86.8	88.0	89.2	89.5	89.9	90.1	90.1	90.1	90.9	90.9	91.5	92.1
≥ 8000	3.1	75.9	81.5	86.6	87.9	89.1	90.3	90.6	91.0	91.1	91.1	91.1	91.9	91.9	92.6	93.1
≥ 7000	3.1	76.2	81.7	86.8	88.2	89.4	90.6	90.9	91.3	91.4	91.4	91.4	92.2	92.2	92.9	93.4
≥ 6000	3.1	76.9	82.4	87.5	88.8	90.1	91.3	91.5	91.9	92.1	92.1	92.1	92.9	92.9	93.5	94.1
≥ 5000	3.1	77.0	82.5	87.6	89.0	90.2	91.4	91.8	92.2	92.3	92.3	92.3	93.1	93.1	93.8	94.4
≥ 4500	3.1	77.0	82.5	87.6	89.0	90.2	91.4	91.8	92.2	92.3	92.3	92.3	93.1	93.1	93.8	94.4
≥ 4000	3.1	77.2	82.7	87.8	89.1	90.3	91.5	91.9	92.3	92.5	92.5	92.5	93.3	93.3	94.0	94.5
≥ 3500	3.1	77.6	83.1	88.3	89.7	90.9	92.1	92.5	92.9	93.0	93.0	93.0	93.8	93.8	94.5	95.0
≥ 3000	3.1	78.2	83.7	89.0	90.3	91.5	92.7	93.1	93.5	93.7	93.7	93.7	94.5	94.5	95.2	95.7
≥ 2500	3.1	78.5	84.1	89.4	90.7	91.9	93.1	93.5	94.0	94.1	94.1	94.1	94.9	94.9	95.6	96.1
≥ 2000	3.1	78.9	84.5	89.8	91.1	92.3	93.5	94.0	94.4	94.5	94.5	94.5	95.3	95.3	96.0	96.5
≥ 1800	3.1	79.0	84.7	90.1	91.4	92.6	93.8	94.2	94.6	94.8	94.8	94.8	95.6	95.6	96.2	96.8
≥ 1500	3.1	79.0	84.7	90.1	91.4	92.6	94.1	94.5	94.9	95.0	95.0	95.0	95.8	95.8	96.5	97.0
≥ 1200	3.1	79.6	85.2	90.6	91.9	93.1	94.8	95.2	95.6	95.7	95.7	95.7	96.5	96.5	97.2	97.7
≥ 1000	3.1	79.6	85.2	90.6	91.9	93.1	94.9	95.3	95.7	95.8	95.8	95.8	96.6	96.6	97.3	97.8
≥ 900	3.1	79.6	85.2	90.6	91.9	93.1	94.9	95.3	95.7	95.8	95.8	95.8	96.6	96.6	97.3	97.8
≥ 800	3.1	79.7	85.3	90.7	92.1	93.3	95.0	95.4	95.8	96.0	96.0	96.0	96.8	96.8	97.4	98.0
≥ 700	3.1	80.0	85.6	91.0	92.3	93.5	95.3	95.7	96.1	96.2	96.2	96.2	97.0	97.0	97.7	98.3
≥ 600	3.1	80.0	85.6	91.1	92.5	93.7	95.4	95.8	96.2	96.4	96.4	96.4	97.2	97.2	97.8	98.4
≥ 500	3.1	80.0	85.6	91.1	92.5	93.7	95.4	95.8	96.2	96.4	96.4	96.4	97.2	97.2	97.8	98.4
≥ 400	3.1	80.0	85.6	91.3	92.6	93.8	95.6	96.0	96.4	96.5	96.5	96.5	97.3	97.3	98.0	98.5
≥ 300	3.1	80.0	85.8	91.3	92.6	93.8	95.6	96.1	96.5	96.6	96.6	96.6	97.4	97.4	98.1	98.7
≥ 200	3.1	80.0	85.8	91.3	92.6	93.8	95.6	96.1	96.5	97.0	97.0	97.0	97.8	97.8	98.5	99.1
≥ 100	3.1	80.0	85.8	91.3	92.6	93.8	95.6	96.1	96.5	97.0	97.3	97.3	98.3	98.3	98.9	99.6
≥ 0	3.1	80.0	85.8	91.3	92.6	93.8	95.6	96.1	96.5	97.0	97.3	97.3	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	5.1	37.9	45.4	50.1	53.2	54.8	57.8	58.7	58.9	59.8	59.9	59.9	59.9	60.1	60.1	60.2	60.3
≥ 20000	5.6	46.1	55.6	62.2	67.1	69.5	72.7	73.7	74.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.7
≥ 18000	5.6	46.1	55.6	62.2	67.1	69.5	72.7	73.7	74.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.7
≥ 16000	5.6	46.1	55.6	62.2	67.1	69.5	72.7	73.7	74.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.7
≥ 14000	5.6	46.1	55.6	62.2	67.1	69.5	72.7	73.7	74.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.7
≥ 12000	5.9	47.4	57.1	63.8	68.7	71.1	74.3	75.4	75.9	77.0	77.2	77.2	77.2	77.3	77.3	77.6	77.7
≥ 10000	6.7	53.9	64.2	71.9	77.2	79.6	83.1	84.1	84.7	85.8	85.9	85.9	85.9	86.0	86.0	86.6	86.8
≥ 9000	6.7	53.9	64.2	72.0	77.3	79.7	83.2	84.3	84.8	85.9	86.0	86.0	86.0	86.2	86.2	86.7	87.0
≥ 8000	7.1	55.8	66.3	74.5	79.7	82.4	85.9	87.0	87.5	88.6	88.7	88.7	88.7	88.8	88.8	89.4	89.7
≥ 7000	7.1	56.5	67.1	75.3	80.5	83.5	87.0	88.2	88.7	89.8	89.9	89.9	89.9	90.1	90.1	90.6	90.9
≥ 6000	7.1	56.5	67.1	75.3	80.5	83.5	87.0	88.2	88.7	89.8	89.9	89.9	89.9	90.1	90.1	90.6	90.9
≥ 5000	7.1	56.6	67.2	75.4	80.6	83.6	87.1	88.3	88.8	89.9	90.1	90.1	90.1	90.2	90.2	90.7	91.0
≥ 4500	7.1	56.6	67.2	75.4	80.6	83.6	87.1	88.3	88.8	89.9	90.1	90.1	90.1	90.2	90.2	90.7	91.0
≥ 4000	7.1	57.1	67.7	75.9	81.2	84.3	87.8	89.0	89.5	90.6	90.7	90.7	90.7	90.9	90.9	91.4	91.7
≥ 3500	7.1	57.3	67.9	76.1	81.5	84.5	88.0	89.2	89.8	90.9	91.0	91.0	91.0	91.1	91.1	91.7	91.9
≥ 3000	7.1	57.9	68.7	76.9	82.4	85.5	89.0	90.2	90.7	91.8	91.9	91.9	91.9	92.1	92.1	92.6	92.9
≥ 2500	7.1	58.1	68.8	77.0	82.7	85.9	89.4	90.6	91.1	92.2	92.3	92.3	92.3	92.5	92.5	93.0	93.3
≥ 2000	7.1	58.3	69.2	77.4	83.1	86.3	89.8	91.0	91.5	92.6	92.7	92.7	92.7	92.9	92.9	93.4	93.7
≥ 1800	7.1	58.5	69.5	77.7	83.3	86.6	90.1	91.3	91.8	92.9	93.0	93.0	93.0	93.1	93.1	93.7	94.0
≥ 1500	7.1	58.9	69.9	78.1	83.7	87.0	90.6	91.8	92.3	93.4	93.5	93.5	93.5	93.7	93.7	94.2	94.5
≥ 1200	7.3	59.1	70.2	78.4	84.0	87.2	90.9	92.1	92.6	93.7	93.8	93.8	93.8	94.0	94.0	94.5	94.8
≥ 1000	7.3	59.7	71.0	79.2	84.8	88.0	91.7	92.9	93.4	94.5	94.6	94.6	94.6	94.8	94.8	95.3	95.6
≥ 900	7.3	59.8	71.2	79.6	85.2	88.4	92.1	93.3	93.8	94.9	95.0	95.0	95.0	95.2	95.2	95.7	96.0
≥ 800	7.3	59.8	71.2	79.6	85.2	88.4	92.1	93.3	93.8	94.9	95.0	95.0	95.0	95.2	95.2	95.7	96.0
≥ 700	7.3	60.2	71.6	80.0	85.6	88.8	92.5	93.7	94.2	95.3	95.4	95.4	95.4	95.6	95.6	96.1	96.4
≥ 600	7.3	60.2	71.6	80.0	85.6	88.8	92.5	93.7	94.2	95.3	95.4	95.4	95.4	95.6	95.6	96.1	96.4
≥ 500	7.3	60.6	72.0	80.5	86.3	89.5	93.1	94.4	94.9	96.1	96.4	96.4	96.4	96.5	96.5	97.0	97.3
≥ 400	7.3	60.6	72.0	80.5	86.3	89.5	93.3	94.5	95.0	96.4	96.8	96.8	96.8	96.9	96.9	97.4	97.7
≥ 300	7.3	60.6	72.0	80.5	86.3	89.5	93.3	94.5	95.0	96.5	96.9	96.9	96.9	97.0	97.0	97.6	97.9
≥ 200	7.3	60.6	72.0	80.6	86.4	89.7	93.4	94.6	95.2	96.8	97.3	97.3	97.3	97.8	97.8	98.5	98.9
≥ 100	7.3	60.6	72.0	80.6	86.4	89.7	93.4	94.6	95.2	96.8	97.3	97.3	97.3	98.1	98.1	98.9	99.6
≥ 0	7.3	60.6	72.0	80.6	86.4	89.7	93.4	94.6	95.2	96.8	97.3	97.3	97.3	98.1	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1789  
 STATION

JACKSONVILLE FL  
 STATION NAME

73-80  
 YEARS

JUL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	18.1	49.2	53.9	55.8	56.6	56.6	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	22.6	61.0	65.9	68.0	69.1	69.4	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	22.6	61.0	65.9	68.0	69.1	69.4	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	22.6	61.0	65.9	68.0	69.1	69.4	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	22.6	61.2	66.0	68.1	69.2	69.5	69.6	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	23.3	64.4	69.4	71.6	72.7	73.0	73.1	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	25.5	70.7	76.3	78.9	80.1	80.4	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	25.5	70.8	76.6	79.2	80.4	80.6	81.2	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	25.7	71.8	77.7	80.2	81.5	81.7	82.3	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	25.7	71.9	77.8	80.4	81.6	81.9	82.4	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	25.7	72.0	78.0	80.5	81.7	82.1	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	25.7	72.0	78.0	80.5	81.7	82.3	82.8	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	25.7	72.0	79.0	80.5	81.7	82.3	82.8	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	25.7	72.8	78.8	81.3	82.5	83.1	83.6	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	25.7	73.1	79.1	81.6	82.9	83.5	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	25.9	75.0	81.2	83.7	85.2	85.8	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	26.1	78.0	84.1	86.8	88.3	89.0	89.5	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	26.7	80.9	87.4	90.2	91.8	92.5	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	27.2	81.6	88.0	91.1	92.7	93.4	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	27.6	83.3	90.1	93.1	94.8	95.4	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	28.1	84.4	91.3	94.4	96.0	96.6	97.3	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	28.1	84.7	91.7	94.9	96.5	97.2	97.8	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	28.1	84.9	91.9	95.2	96.8	97.4	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	28.1	85.1	92.2	95.4	97.0	97.7	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	28.1	85.2	92.3	95.6	97.2	97.8	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	28.1	85.2	92.3	95.6	97.2	97.8	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	28.1	85.5	92.6	96.0	97.6	98.3	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	28.1	85.5	92.6	96.0	97.6	98.3	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.1	85.5	92.6	96.0	97.6	98.3	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.1	85.5	92.6	96.0	97.6	98.3	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.1	85.5	92.6	96.0	97.6	98.3	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.1	85.5	92.6	96.0	97.6	98.3	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	15.7	39.7	41.1	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	24.3	56.2	57.9	59.1	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	24.3	56.2	57.9	59.1	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	24.3	56.2	57.9	59.1	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	24.3	56.2	58.1	59.3	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	25.3	59.0	60.9	62.4	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	27.4	64.9	67.7	69.2	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	27.4	64.9	67.9	69.4	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	27.4	65.6	68.5	70.0	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	27.4	66.0	69.0	70.4	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	27.4	66.1	69.2	70.7	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	27.8	66.7	69.9	71.6	73.0	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	28.7	67.1	70.3	72.2	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000	28.6	69.2	72.4	74.3	75.7	75.8	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	30.4	72.8	76.5	78.5	80.1	80.2	80.2	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	32.3	79.0	83.2	85.6	87.4	87.5	87.8	88.0	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 2500	33.3	83.7	88.4	91.9	93.8	94.0	94.2	94.6	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2000	33.7	85.9	90.6	94.4	96.2	96.4	96.8	97.2	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 1800	33.7	85.9	90.6	94.4	96.2	96.4	96.9	97.3	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1500	33.7	86.7	91.4	95.2	97.0	97.4	98.0	98.4	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 1200	33.7	86.8	91.5	95.3	97.2	97.6	98.1	98.5	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 1000	33.7	87.0	91.7	95.4	97.3	97.7	98.3	98.7	99.2	99.5	99.5	99.5	99.9	99.9	99.9	99.9
≥ 900	33.7	87.0	91.7	95.4	97.3	97.7	98.3	98.7	99.2	99.5	99.5	99.5	99.9	99.9	99.9	99.9
≥ 800	33.7	87.0	91.7	95.4	97.3	97.7	98.3	98.7	99.2	99.5	99.5	99.5	99.9	99.9	99.9	99.9
≥ 700	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 600	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 500	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 400	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	33.7	87.0	91.7	95.6	97.4	97.8	98.4	98.8	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744



GLOBAL CLIMATOLOGY BRANCH  
 USFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	14.5	37.5	40.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	22.9	56.0	60.3	62.0	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	22.9	56.0	60.3	62.0	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	22.9	56.3	60.6	62.2	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	23.0	56.6	60.9	62.5	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	23.3	59.5	64.2	65.9	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	25.4	65.9	71.2	73.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	25.5	66.0	71.4	73.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	25.5	68.5	73.9	76.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	25.5	68.8	74.2	76.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	25.5	69.5	74.9	77.2	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	25.9	70.7	76.2	78.5	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	25.9	71.2	76.7	79.2	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	26.5	73.0	79.3	81.7	83.6	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	27.6	76.1	82.5	85.2	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	29.3	79.8	86.8	90.2	92.1	92.1	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	29.7	82.4	89.7	93.3	95.3	95.4	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	29.7	83.6	90.9	94.8	96.8	96.9	97.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	29.7	83.7	91.0	95.0	97.0	97.2	97.7	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	29.7	83.9	91.3	95.3	97.4	97.6	98.1	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	29.7	84.1	91.5	95.6	97.7	97.8	98.5	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	29.7	84.1	91.5	95.6	97.7	97.8	98.5	98.7	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	29.7	84.1	91.5	95.6	97.7	97.8	98.5	98.7	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	29.7	84.1	91.5	95.6	97.7	97.8	98.5	98.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	29.7	84.1	91.5	95.6	97.7	97.8	98.5	98.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	29.7	84.1	91.5	95.6	97.7	97.8	98.5	98.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	29.7	84.1	91.7	95.7	97.8	98.0	98.7	98.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	29.7	84.1	91.7	95.7	97.8	98.0	98.7	98.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.7	84.1	91.7	95.7	97.8	98.0	98.7	98.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.7	84.1	91.7	95.7	97.8	98.0	98.7	98.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.7	84.1	91.7	95.7	97.8	98.0	98.7	98.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.7	84.1	91.7	95.7	97.8	98.0	98.7	98.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	12.5	35.6	39.5	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	19.2	58.7	65.2	68.0	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	19.2	59.0	65.5	68.3	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	19.2	59.4	65.9	68.7	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	19.2	59.5	66.0	68.8	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	20.2	63.3	70.0	73.0	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	21.5	70.2	77.2	80.6	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	21.5	70.4	77.4	80.9	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	21.6	74.5	81.9	85.8	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	21.6	74.9	82.3	86.2	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	21.6	75.1	82.5	86.4	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	21.6	76.2	83.6	87.5	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	21.9	76.6	84.0	87.9	88.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	22.2	78.5	86.0	89.9	91.0	91.0	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	22.2	79.2	86.7	90.6	91.8	91.8	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	22.3	80.4	87.9	92.2	93.4	93.4	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	22.4	81.7	89.2	93.7	94.9	94.9	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	22.4	82.1	89.9	94.4	95.7	95.7	96.6	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	22.4	82.1	90.1	94.6	96.1	96.1	97.0	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	22.6	82.3	90.2	94.8	96.5	96.5	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	22.6	82.3	90.2	94.8	96.5	96.5	97.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	22.6	82.4	90.6	95.3	97.0	97.0	98.1	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	22.6	82.4	90.6	95.3	97.0	97.0	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	22.6	82.5	90.7	95.4	97.2	97.2	98.4	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	22.6	82.5	90.7	95.4	97.3	97.3	98.5	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	22.6	82.5	90.7	95.4	97.4	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	22.6	82.5	90.9	95.6	97.6	97.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	22.6	82.5	90.9	95.6	97.6	97.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	22.6	82.5	90.9	95.6	97.6	97.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	22.6	82.5	90.9	95.6	97.6	97.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	22.6	82.5	90.9	95.6	97.6	97.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	22.6	82.5	90.9	95.6	97.6	97.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATOLOGICAL BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

7100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	11.8	48.4	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	15.5	69.4	73.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800	15.5	69.5	73.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1600	15.5	69.5	73.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1400	15.6	69.9	74.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1200	16.3	74.3	78.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	17.2	79.8	84.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900	17.2	80.0	84.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	17.6	82.9	87.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	17.6	83.2	88.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	17.6	83.6	88.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 500	17.7	84.9	89.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 450	17.9	85.2	90.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 400	17.9	86.0	91.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 350	18.0	86.4	91.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 300	18.3	87.4	92.6	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 250	18.3	87.9	93.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	18.3	88.0	93.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	18.3	88.3	93.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	18.3	88.4	94.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	18.3	88.6	94.1	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	18.3	89.0	94.5	97.7	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	18.3	89.0	94.5	97.7	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	18.3	89.1	94.6	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	18.3	89.1	94.6	98.1	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	18.3	89.1	94.6	98.1	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	18.3	89.1	94.8	98.3	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	18.3	89.1	95.0	98.5	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	18.3	89.1	95.2	98.7	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	18.3	89.2	95.3	98.8	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	18.3	89.2	95.3	98.8	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	18.3	89.2	95.3	98.8	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1789  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	10.7	45.4	47.2	51.0	52.4	52.7	53.2	53.4	53.5	53.6	53.6	53.6	53.7	53.7	53.8	53.9
≥ 20000	15.0	61.8	66.8	69.9	71.3	71.8	72.5	72.7	72.8	73.0	73.0	73.0	73.1	73.1	73.2	73.3
≥ 18000	15.0	61.9	66.8	69.9	71.4	71.9	72.5	72.7	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.4
≥ 16000	15.0	61.9	66.9	70.0	71.4	71.9	72.6	72.8	73.3	73.1	73.1	73.1	73.3	73.3	73.4	73.4
≥ 14000	15.0	62.1	67.1	70.2	71.6	72.1	72.7	73.0	73.1	73.3	73.3	73.3	73.4	73.4	73.5	73.6
≥ 12000	15.5	64.6	69.7	72.9	74.4	74.9	75.5	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.3	76.4
≥ 10000	16.7	70.3	75.9	79.4	81.0	81.5	82.2	82.5	82.6	82.8	82.8	82.8	82.9	82.9	83.1	83.2
≥ 9000	16.7	70.4	76.1	79.6	81.2	81.7	82.5	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.4	83.5
≥ 8000	16.7	72.3	78.1	81.8	83.5	84.0	84.8	85.0	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.7
≥ 7000	16.3	72.7	78.5	82.2	83.9	84.4	85.2	85.5	85.7	85.8	85.8	85.8	85.9	85.9	86.1	86.2
≥ 6000	16.9	73.1	78.9	82.7	84.3	84.9	85.7	85.9	86.1	86.3	86.3	86.3	86.4	86.4	86.5	86.6
≥ 5000	17.1	73.7	79.6	83.4	85.0	85.7	86.4	86.7	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.4
≥ 4500	17.1	73.9	79.8	83.7	85.3	85.9	86.7	87.0	87.2	87.3	87.3	87.3	87.5	87.5	87.6	87.7
≥ 4000	17.3	75.0	81.7	84.9	86.6	87.2	88.0	88.3	88.5	88.7	88.7	88.7	88.8	88.8	89.0	89.1
≥ 3500	17.7	76.1	82.3	86.2	88.0	88.6	89.4	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.4	90.5
≥ 3000	18.3	78.1	84.4	88.6	90.4	91.0	91.9	92.2	92.4	92.7	92.7	92.7	92.8	92.8	93.7	93.1
≥ 2500	18.4	79.7	86.2	90.1	92.4	93.1	94.0	94.4	94.6	94.8	94.9	94.9	95.0	95.0	95.1	95.2
≥ 2000	18.6	80.7	87.2	91.7	93.6	94.3	95.3	95.6	95.9	96.1	96.1	96.1	96.3	96.3	96.4	96.5
≥ 1800	18.6	80.9	87.4	92.0	93.9	94.6	95.6	95.9	96.2	96.4	96.5	96.5	96.5	96.6	96.7	96.8
≥ 1500	18.7	81.3	88.0	92.5	94.5	95.3	96.3	96.6	96.9	97.1	97.2	97.2	97.3	97.3	97.5	97.6
≥ 1200	18.8	81.6	88.3	92.8	94.8	95.6	96.7	97.0	97.3	97.5	97.6	97.6	97.7	97.7	97.9	98.0
≥ 1000	18.8	81.8	88.6	93.1	95.1	95.9	97.1	97.4	97.7	98.0	98.1	98.1	98.2	98.2	98.4	98.5
≥ 900	18.8	81.9	88.7	93.3	95.3	96.1	97.3	97.7	97.9	98.3	98.3	98.3	98.5	98.5	98.6	98.7
≥ 800	18.8	82.1	88.8	93.5	95.5	96.2	97.5	97.8	98.1	98.4	98.5	98.5	98.6	98.6	98.8	98.9
≥ 700	18.8	82.1	88.8	93.5	95.5	96.3	97.5	97.9	98.1	98.5	98.5	98.5	98.7	98.7	98.9	99.0
≥ 600	18.8	82.1	88.8	93.5	95.5	96.3	97.5	97.9	98.1	98.5	98.5	98.5	98.7	98.7	98.9	99.0
≥ 500	18.8	82.1	89.0	93.6	95.7	96.4	97.7	98.1	98.3	98.7	98.8	98.8	99.0	99.0	99.1	99.2
≥ 400	18.8	82.1	89.0	93.7	95.8	96.5	97.8	98.2	98.4	98.9	98.9	98.9	99.1	99.1	99.3	99.4
≥ 300	18.8	82.1	89.0	93.8	95.8	96.5	97.8	98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.4	99.5
≥ 200	18.8	82.2	89.0	93.8	95.8	96.6	97.9	98.3	98.5	99.0	99.1	99.1	99.4	99.4	99.6	99.7
≥ 100	18.8	82.2	89.0	93.8	95.8	96.6	97.9	98.3	98.5	99.0	99.1	99.1	99.5	99.5	99.7	99.8
≥ 0	18.8	82.2	89.0	93.8	95.8	96.6	97.9	98.3	98.5	99.0	99.1	99.1	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

JOINT CLIMATOLOGY BRANCH  
JAFETAC  
AT LEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

AGE

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	11.1	61.6	65.9	69.1	69.6	69.8	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2000	12.2	72.0	73.3	81.7	82.4	82.4	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	12.2	72.0	73.3	81.7	82.4	82.4	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1600	12.2	72.0	73.3	81.7	82.4	82.4	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1400	12.2	72.0	73.3	81.7	82.4	82.4	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	12.2	73.5	79.6	83.3	84.0	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	12.5	77.4	83.9	87.6	88.3	88.3	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	12.6	78.1	84.7	88.4	89.1	89.1	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	12.4	80.6	87.5	91.3	91.9	91.9	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	12.4	81.0	87.9	91.7	92.3	92.3	92.6	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	12.9	81.3	88.2	91.9	92.6	92.6	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	12.9	82.0	88.8	92.7	93.4	93.4	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 450	12.9	82.3	89.1	93.0	93.7	93.7	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	12.9	82.7	89.8	93.7	94.4	94.4	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 350	13.1	82.8	90.1	94.0	94.6	94.6	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	13.0	83.3	90.6	94.5	95.2	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 250	13.0	83.3	90.6	94.5	95.2	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	13.2	83.7	91.1	95.0	95.7	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 180	13.2	84.0	91.4	95.3	96.0	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 150	13.2	84.3	91.8	95.8	96.5	96.5	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 120	13.2	84.5	92.1	96.1	96.8	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	13.2	84.5	92.1	96.1	96.8	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 90	13.2	84.5	92.2	96.4	97.0	97.0	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 80	13.2	84.5	92.2	96.4	97.0	97.0	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 70	13.2	84.5	92.2	96.5	97.3	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 60	13.2	84.8	92.5	96.8	97.6	97.6	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 50	13.2	85.1	92.7	97.4	98.4	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 40	13.2	85.1	92.7	97.4	98.5	98.5	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 30	13.2	85.1	92.7	97.4	98.5	98.5	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 20	13.2	85.1	92.7	97.6	98.7	98.7	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	13.2	85.1	92.7	97.6	98.7	98.7	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	13.2	85.1	92.7	97.6	98.7	98.7	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	9.5	61.7	68.3	72.2	74.2	74.2	75.4	75.8	76.1	76.7	76.9	76.9	77.3	77.4	78.7	76.4
≥ 20000	9.5	67.3	74.7	79.6	81.6	81.7	83.3	83.7	84.0	84.7	84.8	84.8	85.3	85.6	86.2	86.6
≥ 18000	9.5	67.3	74.7	79.6	81.6	81.7	83.3	83.7	84.0	84.7	84.8	84.8	85.3	85.6	86.2	86.6
≥ 16000	9.5	67.3	74.7	79.6	81.6	81.7	83.3	83.7	84.0	84.7	84.8	84.8	85.3	85.6	86.2	86.6
≥ 14000	9.5	67.3	74.7	79.6	81.6	81.7	83.3	83.7	84.0	84.7	84.8	84.8	85.3	85.6	86.2	86.6
≥ 12000	9.7	68.3	75.7	80.5	82.5	82.7	84.3	84.7	84.9	85.6	85.8	85.8	86.3	86.6	87.1	87.5
≥ 10000	9.7	70.8	78.4	83.3	85.3	85.5	87.1	87.5	87.8	88.4	88.6	88.6	89.1	89.4	89.9	90.3
≥ 9000	9.7	71.0	79.5	83.6	85.6	85.8	87.4	87.8	88.0	88.7	88.8	88.8	89.4	89.7	90.2	90.6
≥ 8000	9.7	73.7	81.2	86.7	89.0	89.1	90.7	91.1	91.4	92.1	92.2	92.2	92.7	93.0	93.5	94.0
≥ 7000	9.7	73.7	81.2	86.7	89.0	89.1	90.7	91.1	91.4	92.1	92.2	92.2	92.7	93.0	93.5	94.0
≥ 6000	9.7	73.7	81.2	86.7	89.0	89.1	90.7	91.1	91.4	92.1	92.2	92.2	92.7	93.0	93.5	94.0
≥ 5000	9.7	73.8	81.3	87.0	89.2	89.4	91.0	91.4	91.7	92.3	92.5	92.5	93.0	93.3	93.8	94.2
≥ 4500	9.7	74.2	81.7	87.4	89.7	89.8	91.4	91.8	92.1	92.7	92.9	92.9	93.4	93.7	94.2	94.6
≥ 4000	9.7	74.3	82.0	87.6	89.9	90.1	91.7	92.1	92.3	93.0	93.1	93.1	93.7	94.0	94.5	94.9
≥ 3500	9.7	74.3	82.0	87.6	89.9	90.1	91.8	92.2	92.5	93.1	93.3	93.3	93.8	94.1	94.6	95.0
≥ 3000	9.7	74.7	82.4	88.2	90.5	90.6	92.2	92.6	92.9	93.5	93.7	93.7	94.2	94.5	95.0	95.4
≥ 2500	9.7	74.9	82.7	88.4	90.7	90.9	92.5	92.9	93.1	93.8	94.0	94.0	94.5	94.8	95.3	95.7
≥ 2000	9.8	75.5	83.3	89.1	91.4	91.5	93.1	93.5	93.8	94.5	94.6	94.6	95.2	95.4	96.0	96.4
≥ 1800	9.8	75.8	83.6	89.4	91.7	91.8	93.4	93.8	94.1	94.8	94.9	94.9	95.4	95.7	96.2	96.6
≥ 1500	9.8	75.8	83.6	89.4	91.7	91.8	93.4	93.8	94.1	94.8	94.9	94.9	95.4	95.7	96.2	96.6
≥ 1200	9.8	75.9	83.7	89.5	91.8	91.9	93.5	94.0	94.2	94.9	95.0	95.0	95.6	95.8	96.4	96.8
≥ 1000	9.8	76.1	83.9	89.7	91.9	92.1	93.7	94.1	94.4	95.0	95.2	95.2	95.7	96.0	96.5	96.9
≥ 900	9.8	76.1	83.9	89.7	91.9	92.1	93.7	94.1	94.4	95.0	95.2	95.2	95.7	96.0	96.5	96.9
≥ 800	9.8	76.6	84.4	90.3	92.6	92.7	94.4	94.8	95.0	95.7	95.8	95.8	96.4	96.6	97.2	97.6
≥ 700	9.8	76.6	84.4	90.6	93.1	93.3	94.9	95.3	95.6	96.2	96.4	96.4	96.9	97.2	97.7	98.1
≥ 600	9.8	76.6	84.4	90.6	93.1	93.3	94.9	95.3	95.6	96.2	96.4	96.4	96.9	97.2	97.7	98.1
≥ 500	9.8	76.7	84.5	91.1	93.8	94.0	95.7	96.1	96.4	97.0	97.2	97.2	97.7	98.0	98.5	98.9
≥ 400	9.8	76.7	84.5	91.1	93.8	94.0	95.7	96.1	96.4	97.0	97.2	97.2	97.7	98.0	98.5	98.9
≥ 300	9.8	76.7	84.5	91.1	93.8	94.0	95.7	96.4	96.6	97.3	97.4	97.4	98.0	98.3	98.8	99.2
≥ 200	9.8	76.7	84.5	91.1	93.8	94.0	96.1	96.8	97.0	97.7	97.8	97.8	98.5	98.8	99.3	99.7
≥ 100	9.8	76.7	84.5	91.1	93.8	94.0	96.1	96.8	97.0	97.7	97.8	97.8	98.8	99.1	99.6	100.0
≥ 0	9.8	76.7	84.5	91.1	93.8	94.0	96.1	96.8	97.0	97.7	97.8	97.8	98.8	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

2  
JUL 89  
GENERAL CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 JUL 89

JACKSONVILLE FL

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	7.7	42.3	53.1	59.0	63.4	64.7	66.9	67.6	68.4	69.6	69.9	69.9	70.7	70.8	71.9	72.2
≥ 2000	7.9	43.8	63.6	68.0	72.6	73.8	76.7	77.4	78.5	80.0	80.4	80.4	81.3	81.6	82.7	82.9
≥ 1800	7.7	48.8	67.6	68.0	72.6	73.8	76.7	77.4	78.5	80.0	80.4	80.4	81.3	81.6	82.7	82.9
≥ 1600	7.9	48.8	67.6	68.0	72.6	73.8	76.7	77.4	78.5	80.0	80.4	80.4	81.3	81.6	82.7	82.9
≥ 1400	8.1	49.1	67.9	68.3	72.8	74.1	77.0	77.7	78.8	80.2	80.6	80.6	81.6	81.9	82.9	83.2
≥ 1200	8.2	49.6	61.4	68.8	73.4	74.6	77.6	78.2	79.3	80.8	81.2	81.2	82.1	82.4	83.5	83.7
≥ 1000	8.3	53.2	65.2	73.0	77.6	78.8	81.9	82.5	83.6	85.1	85.5	85.5	86.4	86.7	87.8	88.0
≥ 900	8.3	53.5	65.5	73.3	77.8	79.2	82.4	83.1	84.3	85.9	86.3	86.3	87.2	87.5	88.6	88.8
≥ 800	8.3	54.0	66.4	74.3	78.9	80.2	83.9	84.5	85.8	87.4	87.8	87.8	88.7	89.0	90.1	90.3
≥ 700	8.3	54.4	66.8	74.9	79.4	80.8	84.4	85.1	86.3	87.9	88.3	88.3	89.2	89.5	90.6	90.9
≥ 600	8.5	54.6	66.9	75.0	79.6	80.9	84.5	85.2	86.4	88.0	88.4	88.4	89.4	89.7	90.7	91.0
≥ 500	8.6	55.4	67.9	75.7	81.5	81.9	85.5	86.2	87.4	89.0	89.4	89.4	90.3	90.6	91.7	91.9
≥ 450	8.6	55.5	68.1	76.1	80.6	82.0	85.6	86.3	87.5	89.1	89.5	89.5	90.5	90.7	91.8	92.1
≥ 400	8.7	55.6	68.4	76.6	81.2	82.5	86.3	87.0	88.2	89.8	90.2	90.2	91.1	91.4	92.5	92.7
≥ 350	8.7	55.6	68.4	76.6	81.2	82.5	86.4	87.1	88.3	89.9	90.3	90.3	91.3	91.5	92.6	92.9
≥ 300	8.7	56.0	69.3	77.2	81.7	83.1	87.0	87.6	88.8	90.5	90.9	90.9	91.8	92.1	93.1	93.4
≥ 250	8.7	56.0	69.3	77.3	81.9	83.2	87.1	87.8	89.0	90.6	91.0	91.0	91.9	92.2	93.3	93.5
≥ 200	8.7	56.7	69.6	78.0	82.5	84.1	88.0	88.7	89.9	91.7	92.1	92.1	93.0	93.3	94.4	94.6
≥ 180	8.7	56.9	69.9	78.2	82.8	84.4	88.3	89.0	90.2	91.9	92.3	92.3	93.3	93.5	94.6	94.9
≥ 150	8.9	57.0	70.2	78.5	83.2	84.8	88.7	89.4	90.6	92.3	92.7	92.7	93.7	94.0	95.0	95.3
≥ 120	8.9	57.0	70.2	78.6	83.3	84.9	89.0	89.7	90.9	92.6	93.0	93.0	94.0	94.2	95.3	95.6
≥ 100	8.9	57.0	70.2	78.6	83.3	84.9	89.0	89.7	90.9	92.6	93.0	93.0	94.0	94.2	95.3	95.6
≥ 80	8.9	57.4	70.6	79.0	83.7	85.3	89.4	90.1	91.3	93.0	93.4	93.4	94.4	94.6	95.7	96.0
≥ 70	8.9	57.7	70.8	79.3	84.0	85.6	89.7	90.3	91.5	93.3	93.7	93.7	94.6	94.9	96.0	96.2
≥ 60	8.9	57.8	71.0	79.7	84.9	86.6	90.7	91.4	92.6	94.4	94.8	94.8	95.7	96.0	97.0	97.3
≥ 50	8.9	57.9	71.2	80.1	85.3	87.0	91.1	91.9	93.1	94.9	95.3	95.3	96.2	96.5	97.6	97.8
≥ 40	8.9	57.9	71.2	80.1	85.3	87.0	91.4	92.2	93.4	95.3	95.7	95.7	96.6	96.9	98.0	98.3
≥ 30	8.9	57.9	71.2	80.2	85.5	87.1	91.7	92.5	93.7	95.7	96.1	96.1	97.0	97.3	98.5	98.8
≥ 20	8.9	57.9	71.2	80.2	85.5	87.1	91.7	92.6	93.8	95.8	96.2	96.2	97.3	97.6	98.8	99.1
≥ 10	8.9	57.9	71.2	80.2	85.5	87.1	91.7	92.6	93.8	96.0	96.4	96.4	97.4	97.7	99.2	99.6
≥ 0	8.9	57.9	71.2	80.2	85.5	87.1	91.7	92.6	93.8	96.0	96.4	96.4	97.4	97.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ⅙	≥ ⅓	≥ 0
NO CEILING	19.1	50.7	52.2	53.0	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	22.2	59.8	61.7	62.8	63.0	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	22.2	59.8	61.7	62.8	63.0	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	22.2	59.8	61.7	62.8	63.0	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	22.2	59.8	62.6	63.7	64.0	64.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	22.4	62.2	64.7	66.0	66.3	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	23.0	64.7	67.2	68.5	68.8	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	23.3	64.9	67.6	69.0	69.2	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	23.5	67.2	70.0	71.5	71.8	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	23.5	67.3	70.2	71.6	71.9	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	23.5	67.3	70.3	71.8	72.0	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	23.5	67.6	70.6	72.2	72.4	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	23.5	67.9	70.8	72.4	72.7	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	23.5	68.3	71.2	72.8	73.1	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	23.5	69.0	71.9	73.5	73.8	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	24.5	71.8	74.9	76.6	76.9	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	26.6	76.7	80.0	81.9	82.3	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	28.6	82.8	86.2	88.2	88.6	89.0	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	29.4	84.3	87.6	90.1	90.6	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	30.4	87.4	90.9	93.5	94.1	94.5	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	30.4	88.6	92.5	95.2	95.7	96.1	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	30.5	89.0	92.9	95.6	96.1	96.5	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	30.5	89.1	93.3	96.1	96.6	97.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	30.5	89.4	93.5	96.4	96.9	97.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	30.5	89.4	93.5	96.5	97.0	97.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	30.5	89.5	93.7	96.6	97.2	97.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	30.5	89.7	94.1	97.0	97.6	98.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	30.5	89.9	94.2	97.3	97.8	98.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	30.5	89.9	94.2	97.3	97.8	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	30.5	89.9	94.2	97.3	97.8	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	30.5	89.9	94.2	97.3	97.8	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	30.5	89.9	94.2	97.3	97.8	98.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

75-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	21.1	39.2	40.3	41.3	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	26.5	52.6	54.2	55.1	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	26.5	52.6	54.2	55.1	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	26.5	52.7	54.3	55.2	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	26.5	54.2	56.3	57.0	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	27.3	56.7	58.9	59.6	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	28.1	59.9	62.1	63.0	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	28.1	60.2	62.4	63.3	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	28.4	61.4	63.7	64.8	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	28.5	61.7	64.0	65.1	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	28.5	62.1	64.7	65.7	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	28.5	62.4	64.9	66.0	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	28.5	62.4	65.1	66.4	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	28.9	63.3	66.0	67.3	67.7	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	30.3	69.1	72.2	73.8	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	34.0	77.3	80.9	82.5	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	37.0	86.2	89.9	91.9	92.5	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	37.5	88.4	92.3	94.5	95.0	95.4	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	37.6	88.8	92.9	95.3	95.8	96.2	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	37.8	90.1	94.2	96.8	97.3	97.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	37.8	90.1	94.2	96.6	97.3	97.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	37.8	90.1	94.2	96.9	97.4	97.8	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	37.8	90.1	94.2	96.9	97.4	97.8	98.8	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	37.8	90.1	94.2	96.9	97.4	97.8	98.8	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	37.8	90.1	94.2	96.9	97.4	97.8	98.8	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	37.8	90.2	94.4	97.0	97.6	98.0	98.9	98.9	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17.89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	19.7	38.3	41.7	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	27.2	60.5	64.4	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	27.3	60.3	64.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	27.3	60.8	64.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	27.3	60.9	65.1	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	28.1	63.7	68.4	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	29.2	69.0	74.5	76.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	29.3	69.4	75.0	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	29.6	70.4	76.1	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	29.8	71.1	76.7	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	30.0	71.6	77.4	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	30.1	71.9	77.8	79.7	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	30.1	72.2	78.1	80.0	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	30.7	74.3	80.2	82.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	32.1	77.2	83.1	84.9	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	33.3	80.1	86.6	88.7	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	35.1	84.3	91.4	93.7	95.0	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	35.5	86.4	93.8	96.1	97.6	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	35.5	86.4	94.0	96.2	97.7	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	35.5	86.4	94.1	96.4	98.0	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	35.5	86.4	94.1	96.4	98.0	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1000	35.5	86.4	94.1	96.4	98.0	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 900	35.5	86.6	94.2	96.5	98.1	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3
≥ 800	35.5	86.7	94.5	96.8	98.4	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6
≥ 700	35.5	86.7	94.5	96.8	98.4	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
≥ 600	35.5	86.7	94.5	96.8	98.4	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
≥ 500	35.5	86.7	94.5	96.8	98.4	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9
≥ 400	35.5	86.7	94.5	96.8	98.4	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 300	35.5	86.7	94.5	96.8	98.4	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 200	35.5	86.7	94.5	96.8	98.4	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 100	35.5	86.7	94.5	96.8	98.4	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 0	35.5	86.7	94.5	96.8	98.4	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2400

HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	17.7	40.9	45.2	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	27.6	64.9	70.7	71.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	27.7	65.1	70.8	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	27.7	65.2	71.1	71.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	28.3	65.9	71.6	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	28.6	68.3	74.2	75.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	29.6	75.3	81.9	83.2	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	29.8	75.8	82.4	83.7	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	30.4	78.4	85.2	86.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	30.4	78.6	85.5	86.8	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	30.3	79.6	86.4	87.8	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	30.3	80.1	87.2	88.6	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	30.3	80.2	87.4	88.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	31.7	80.9	88.6	89.9	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1
≥ 3500	31.3	81.6	89.2	90.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 3000	31.7	83.1	91.0	92.5	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
≥ 2500	32.0	84.4	92.6	94.2	96.0	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6
≥ 2000	32.3	85.5	93.8	95.6	97.4	97.7	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4
≥ 1800	32.3	85.6	94.0	95.7	97.6	97.8	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5
≥ 1500	32.3	85.9	94.2	96.1	98.0	98.3	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1200	32.3	85.9	94.2	96.1	98.0	98.4	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1000	32.3	86.0	94.4	96.2	98.1	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3
≥ 900	32.3	86.0	94.4	96.2	98.1	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3
≥ 800	32.3	86.0	94.4	96.2	98.1	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3
≥ 700	32.3	86.0	94.4	96.2	98.1	98.5	98.8	98.8	98.8	98.8	99.3	99.3	99.3	99.5	99.5	99.5
≥ 600	32.3	86.0	94.4	96.2	98.1	98.5	98.8	98.8	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	32.3	86.0	94.4	96.2	98.3	98.7	99.1	99.1	99.1	99.1	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	32.3	86.0	94.4	96.2	98.4	98.8	99.2	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	32.3	86.0	94.4	96.2	98.4	98.8	99.2	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	32.3	86.0	94.4	96.2	98.4	98.8	99.2	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	32.3	86.0	94.4	96.2	98.4	98.8	99.2	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	32.3	86.0	94.4	96.2	98.4	98.8	99.2	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

2  
 GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1999  
 STATION

JACKSONVILLE FL  
 STATION NAME

73-80  
 YEARS

AUG  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.5	53.1	55.5	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	21.7	70.3	73.7	75.0	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	21.7	70.3	73.7	75.0	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	21.7	70.3	73.7	75.0	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	21.7	70.4	73.8	75.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	21.7	73.0	76.6	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	21.8	79.0	82.7	84.0	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9500	21.9	80.0	83.9	85.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	22.7	82.5	87.1	88.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	22.7	82.7	87.2	88.6	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	22.8	83.1	87.9	89.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	22.8	83.7	88.6	89.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	23.0	84.1	89.1	90.5	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	23.0	85.6	91.1	92.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	23.0	86.2	91.7	93.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	23.4	87.4	93.3	94.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	23.5	88.2	94.0	95.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	23.7	88.7	94.8	96.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	23.8	89.1	95.2	96.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	23.9	90.1	96.1	97.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	23.9	90.1	96.1	97.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	23.9	90.1	96.1	97.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	23.9	90.1	96.4	98.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	23.9	90.1	96.4	98.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	23.9	90.1	96.4	98.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	23.9	90.1	96.4	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	23.9	90.1	96.4	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	23.9	90.1	96.4	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	23.9	90.1	96.4	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	23.9	90.1	96.4	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	23.9	90.1	96.4	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	23.9	90.1	96.4	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1189 JACKSONVILLE FL

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	15.2	48.5	52.8	55.0	56.2	56.4	56.9	57.1	57.2	57.4	57.5	57.5	57.6	57.7	57.9	58.0
≥ 20000	19.3	62.0	67.2	70.0	71.3	71.5	72.1	72.3	72.5	72.7	72.8	72.8	73.0	73.1	73.3	73.4
≥ 18000	19.3	62.1	67.3	70.0	71.3	71.5	72.2	72.4	72.5	72.8	72.9	72.9	73.1	73.1	73.3	73.4
≥ 16000	19.3	62.1	67.3	70.0	71.3	71.6	72.2	72.4	72.6	72.8	72.9	72.9	73.1	73.2	73.4	73.5
≥ 14000	19.3	62.6	67.8	70.6	71.9	72.1	72.8	72.9	73.1	73.4	73.5	73.5	73.6	73.7	73.9	74.0
≥ 12000	19.7	64.4	69.9	72.7	74.0	74.3	74.9	75.1	75.3	75.5	75.6	75.6	75.8	75.9	76.1	76.2
≥ 10000	20.3	68.7	74.5	77.4	78.8	79.0	79.7	79.9	80.1	80.3	80.4	80.4	80.6	80.7	80.9	81.0
≥ 9000	20.3	69.1	75.0	77.9	79.3	79.6	80.3	80.5	80.7	81.0	81.0	81.0	81.2	81.3	81.5	81.6
≥ 8000	20.7	71.0	77.2	80.2	81.6	81.9	82.7	82.9	83.0	83.3	83.4	83.4	83.6	83.7	83.9	84.0
≥ 7000	20.7	71.3	77.4	80.5	81.9	82.2	83.0	83.2	83.4	83.6	83.7	83.7	83.9	84.0	84.2	84.3
≥ 6000	20.3	71.7	77.9	80.9	82.4	82.7	83.4	83.6	83.8	84.1	84.2	84.2	84.3	84.4	84.6	84.7
≥ 5000	20.9	72.1	79.4	81.5	82.9	83.2	84.0	84.2	84.4	84.7	84.8	84.8	84.9	85.0	85.2	85.3
≥ 4500	20.9	72.3	79.7	81.8	83.2	83.6	84.3	84.5	84.7	85.0	85.1	85.1	85.2	85.3	85.5	85.6
≥ 4000	21.1	73.1	79.7	82.8	84.3	84.6	85.5	85.6	85.8	86.1	86.2	86.2	86.4	86.5	86.7	86.7
≥ 3500	21.6	74.5	81.1	84.3	85.8	86.1	86.9	87.1	87.3	87.6	87.7	87.7	87.9	87.9	88.1	88.2
≥ 3000	22.4	76.7	83.5	86.8	88.4	88.7	89.5	89.7	89.9	90.2	90.3	90.3	90.5	90.5	90.7	90.8
≥ 2500	23.2	79.3	86.3	89.7	91.3	91.6	92.5	92.7	92.9	93.2	93.3	93.3	93.5	93.6	93.8	93.9
≥ 2000	23.7	81.0	88.1	91.6	93.2	93.6	94.6	94.8	95.0	95.3	95.4	95.4	95.6	95.7	95.9	96.0
≥ 1800	23.9	81.4	88.6	92.1	93.8	94.1	95.2	95.3	95.5	95.9	96.0	96.0	96.2	96.3	96.5	96.6
≥ 1500	23.9	82.1	89.4	93.0	94.7	95.1	96.1	96.3	96.5	96.9	97.0	97.0	97.2	97.3	97.5	97.6
≥ 1200	23.3	82.3	89.6	93.3	95.0	95.4	96.5	96.6	96.8	97.2	97.3	97.3	97.5	97.6	97.8	97.9
≥ 1000	24.0	82.4	89.7	93.4	95.1	95.5	96.6	96.8	97.0	97.4	97.5	97.5	97.7	97.8	98.0	98.1
≥ 900	24.0	82.4	89.8	93.6	95.2	95.6	96.7	97.0	97.2	97.6	97.7	97.7	97.9	98.0	98.2	98.3
≥ 800	24.0	82.6	90.0	93.8	95.4	95.8	96.9	97.2	97.4	97.8	97.9	97.9	98.1	98.2	98.4	98.5
≥ 700	24.0	82.6	90.1	93.9	95.6	96.0	97.1	97.3	97.5	98.0	98.1	98.1	98.3	98.4	98.6	98.7
≥ 600	24.0	82.7	90.1	94.0	95.8	96.2	97.3	97.6	97.8	98.3	98.3	98.3	98.6	98.7	98.9	99.0
≥ 500	24.0	82.8	90.3	94.3	96.1	96.5	97.7	98.0	98.2	98.6	98.7	98.7	99.0	99.0	99.2	99.3
≥ 400	24.0	82.8	90.3	94.3	96.2	96.6	97.8	98.1	98.3	98.8	98.8	98.8	99.1	99.2	99.4	99.5
≥ 300	24.0	82.8	90.3	94.3	96.2	96.6	97.9	98.2	98.4	98.9	99.0	99.0	99.3	99.3	99.6	99.7
≥ 200	24.0	82.8	90.3	94.4	96.2	96.6	97.9	98.3	98.5	99.0	99.1	99.1	99.5	99.5	99.8	99.8
≥ 100	24.0	82.8	90.3	94.4	96.2	96.6	97.9	98.3	98.5	99.0	99.1	99.1	99.5	99.6	99.8	99.9
≥ 0	24.0	82.8	90.3	94.4	96.2	96.6	97.9	98.3	98.5	99.0	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	6.5	51.9	55.3	59.0	59.4	59.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	7.4	62.1	66.5	69.9	70.6	70.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	7.7	62.1	66.5	69.9	70.6	70.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	7.9	62.1	66.5	69.9	70.6	70.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	7.9	62.2	66.7	70.1	70.8	70.8	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	7.9	62.9	67.4	70.8	71.5	71.7	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	7.9	68.3	72.8	76.3	76.9	77.1	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	7.9	68.9	73.5	76.9	77.6	77.8	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	7.9	71.3	75.9	79.3	80.0	80.1	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	7.9	71.5	76.1	79.6	80.3	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	7.9	71.9	76.5	80.0	80.7	80.8	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	7.9	72.5	77.1	80.6	81.4	81.5	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	7.9	72.8	77.4	80.8	81.7	81.8	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	7.9	73.8	78.3	81.8	82.6	82.8	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	8.1	74.6	79.2	82.6	83.5	83.6	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	8.8	76.3	81.5	85.3	86.3	86.4	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	8.8	76.3	81.8	85.6	86.5	86.7	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	8.8	77.6	83.3	87.1	88.2	88.3	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	8.8	78.1	83.8	87.5	88.6	88.9	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	8.8	78.8	84.7	88.8	89.9	90.3	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	8.8	80.3	86.4	90.7	91.8	92.2	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	8.8	80.7	86.9	91.7	92.8	93.2	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	8.8	80.7	86.9	91.7	92.9	93.3	93.8	93.8	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	8.8	80.7	86.9	91.7	92.9	93.3	93.8	93.8	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	8.8	81.3	87.6	92.5	93.8	94.2	94.6	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	8.8	81.7	88.2	93.1	94.3	94.7	95.3	95.3	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	8.8	82.2	88.8	93.8	95.0	95.4	96.1	96.1	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	8.8	82.8	89.3	94.4	95.8	96.3	97.2	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	8.8	82.8	89.3	94.4	95.8	96.3	97.6	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	8.8	82.9	89.4	94.6	96.0	96.4	97.8	98.5	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 100	8.8	82.9	89.4	94.6	96.0	96.4	97.8	98.5	98.8	99.0	99.2	99.2	99.4	99.4	99.6	99.7
≥ 0	8.8	82.9	89.4	94.6	96.0	96.4	97.8	98.5	98.8	99.0	99.2	99.2	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

72

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-2500  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	4.7	50.1	59.0	63.8	64.8	65.8	67.6	67.9	67.9	68.6	68.8	68.8	69.1	69.1	69.4	69.4
≥ 20000	4.5	54.1	63.3	68.6	70.0	70.9	72.7	73.0	73.0	73.7	74.0	74.0	74.3	74.3	74.5	74.5
≥ 18000	4.5	54.2	63.4	68.7	70.1	71.1	72.9	73.2	73.2	73.9	74.1	74.1	74.4	74.4	74.7	74.7
≥ 16000	4.5	54.2	63.4	68.7	70.1	71.1	72.9	73.2	73.2	73.9	74.1	74.1	74.4	74.4	74.7	74.7
≥ 14000	4.5	54.5	63.7	69.1	70.5	71.5	73.3	73.6	73.6	74.3	74.5	74.5	74.8	74.8	75.1	75.1
≥ 12000	4.5	54.9	64.1	69.7	71.1	72.3	74.1	74.4	74.4	75.1	75.4	75.4	75.7	75.7	75.9	75.9
≥ 10000	4.6	58.7	68.3	73.9	75.2	76.5	78.3	78.6	78.6	79.3	79.6	79.6	79.8	79.8	80.1	80.1
≥ 9000	4.6	59.0	68.6	74.1	75.5	76.8	78.6	78.9	78.9	79.6	79.8	79.8	80.1	80.1	80.4	80.4
≥ 8000	4.6	60.1	69.7	75.2	76.6	77.9	79.7	80.0	80.0	80.7	80.9	80.9	81.2	81.2	81.5	81.5
≥ 7000	4.4	60.2	69.8	75.4	76.8	78.0	79.8	80.1	80.1	80.8	81.1	81.1	81.4	81.4	81.6	81.6
≥ 6000	4.4	60.4	70.0	75.5	76.9	78.2	80.0	80.3	80.3	80.9	81.2	81.2	81.5	81.5	81.8	81.8
≥ 5000	4.6	61.1	70.9	76.4	78.2	79.6	81.4	81.6	81.6	82.3	82.6	82.6	82.9	82.9	83.2	83.2
≥ 4500	4.4	61.2	70.9	76.5	78.3	79.7	81.5	81.8	81.8	82.5	82.8	82.8	83.0	83.0	83.3	83.3
≥ 4000	4.7	62.3	72.0	77.6	79.4	80.8	82.8	83.0	83.3	84.0	84.3	84.3	84.6	84.6	84.8	84.8
≥ 3500	5.4	63.0	72.7	78.3	80.1	81.5	83.4	83.7	84.0	84.7	85.0	85.0	85.3	85.3	85.5	85.5
≥ 3000	5.6	63.8	74.1	79.7	81.5	82.9	84.8	85.1	85.4	86.1	86.4	86.4	86.6	86.6	86.9	86.9
≥ 2500	5.6	64.8	75.2	80.8	82.6	84.0	86.0	86.2	86.5	87.2	87.5	87.5	87.8	87.8	88.0	88.0
≥ 2000	5.6	66.2	76.9	82.5	84.3	85.7	87.6	87.9	88.2	88.9	89.2	89.2	89.4	89.4	89.7	89.7
≥ 1800	5.6	66.8	77.6	83.2	85.0	86.4	88.3	88.6	88.9	89.6	89.8	89.8	90.1	90.1	90.4	90.4
≥ 1500	5.6	67.6	78.6	84.1	86.0	87.5	89.6	89.8	90.1	90.8	91.1	91.1	91.4	91.4	91.7	91.7
≥ 1200	5.6	68.3	79.4	85.1	86.9	88.5	90.7	91.0	91.2	91.9	92.2	92.2	92.5	92.5	92.8	92.8
≥ 1000	5.6	68.6	79.7	86.1	87.9	89.4	91.7	91.9	92.2	92.9	93.2	93.2	93.5	93.5	93.7	93.7
≥ 900	5.6	68.6	79.7	86.2	88.0	89.6	91.8	92.1	92.4	93.0	93.3	93.3	93.6	93.6	93.9	93.9
≥ 800	5.6	68.8	80.1	86.6	88.5	90.0	92.2	92.5	92.8	93.5	93.7	93.7	94.0	94.0	94.3	94.3
≥ 700	5.6	69.0	80.3	86.9	88.7	90.3	92.5	92.8	93.0	93.7	94.0	94.0	94.3	94.3	94.6	94.6
≥ 600	5.6	69.1	80.5	87.2	89.0	90.5	92.8	93.0	93.3	94.0	94.3	94.3	94.6	94.6	94.9	94.9
≥ 500	5.6	69.4	81.2	88.2	90.0	91.5	93.7	94.0	94.3	95.0	95.3	95.3	95.5	95.5	95.8	95.8
≥ 400	5.6	69.7	81.5	88.9	90.8	92.4	94.7	95.0	95.3	96.2	96.5	96.5	96.8	96.8	97.1	97.1
≥ 300	5.6	69.7	81.8	89.2	91.1	92.6	95.3	95.7	96.1	97.2	97.5	97.5	97.9	97.9	98.2	98.2
≥ 200	5.6	69.7	81.8	89.2	91.2	92.8	95.5	96.4	96.8	98.1	98.5	98.5	98.9	98.9	99.2	99.2
≥ 100	5.6	69.7	81.8	89.2	91.2	92.8	95.5	96.4	96.8	98.3	98.7	98.7	99.3	99.3	99.6	99.6
≥ 0	5.6	69.7	81.8	89.2	91.2	92.8	95.5	96.4	96.8	98.3	98.7	98.7	99.3	99.3	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

710

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
ATTN: WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-1500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	4.7	31.1	37.2	46.5	43.5	50.3	53.1	55.1	55.7	57.4	57.6	57.6	58.2	58.2	59.2	59.6
≥ 20000	4.7	36.8	43.5	53.5	55.7	57.5	60.4	62.8	63.5	65.8	66.1	66.3	66.8	66.8	67.8	68.2
≥ 18000	4.7	36.8	43.5	53.5	55.7	57.5	60.4	62.8	63.5	65.8	66.1	66.3	66.8	66.8	67.8	68.2
≥ 16000	4.7	36.9	43.6	53.6	56.0	57.8	60.7	63.1	63.8	66.1	66.4	66.5	67.1	67.1	68.1	68.5
≥ 14000	5.0	37.2	43.9	53.9	56.3	58.1	61.0	63.3	64.0	66.4	66.7	66.8	67.4	67.4	68.3	68.8
≥ 12000	5.0	38.8	45.8	56.1	58.3	60.3	63.5	65.8	66.5	69.0	69.4	69.6	70.1	70.1	71.1	71.5
≥ 10000	5.0	42.2	50.4	61.3	64.0	66.0	69.2	71.5	72.2	74.7	75.1	75.3	75.8	75.8	76.8	77.2
≥ 9000	5.0	42.4	50.6	61.7	64.4	66.5	69.9	72.2	72.9	75.4	75.8	76.0	76.5	76.5	77.5	77.9
≥ 8000	5.0	42.9	51.1	62.2	65.4	67.5	70.8	73.2	73.9	76.4	76.8	76.9	77.5	77.5	78.5	78.9
≥ 7000	5.0	43.6	51.8	62.9	66.1	68.2	71.5	73.9	74.6	77.1	77.5	77.6	78.2	78.2	79.2	79.6
≥ 6000	5.0	43.9	52.1	63.3	66.5	68.6	71.9	74.3	75.0	77.5	77.9	78.1	78.6	78.6	79.6	80.0
≥ 5000	5.3	44.6	52.9	64.2	67.6	69.7	73.2	75.6	76.3	78.8	79.2	79.3	79.9	79.9	80.8	81.3
≥ 4500	5.3	44.6	52.9	64.2	67.6	69.7	73.2	75.6	76.3	78.8	79.2	79.3	79.9	79.9	80.8	81.3
≥ 4000	5.3	45.0	53.3	64.6	68.1	70.4	74.2	76.5	77.2	79.7	80.1	80.3	80.8	80.8	81.8	82.2
≥ 3500	5.3	45.6	53.9	65.3	68.8	71.1	74.9	77.2	77.9	80.4	80.8	81.0	81.5	81.5	82.5	82.9
≥ 3000	6.0	46.0	54.4	66.0	69.4	71.8	75.6	77.9	78.6	81.1	81.5	81.7	82.4	82.4	83.3	83.5
≥ 2500	6.0	46.9	55.4	66.9	70.4	72.8	76.8	79.2	79.9	82.4	82.8	82.9	83.6	83.6	84.6	85.0
≥ 2000	6.0	47.1	56.0	67.9	71.5	73.9	78.1	80.6	81.3	83.8	84.2	84.3	85.0	85.0	86.0	86.4
≥ 1800	6.0	47.6	56.5	68.5	72.2	74.6	78.8	81.3	81.9	84.4	84.9	85.0	85.7	85.7	86.7	87.1
≥ 1500	6.1	49.2	58.2	70.1	74.0	76.4	80.7	83.2	83.9	86.7	87.1	87.2	87.9	87.9	88.9	89.3
≥ 1200	6.3	50.0	59.2	71.1	75.0	77.4	81.8	84.4	85.1	87.9	88.3	88.5	89.2	89.2	90.1	90.6
≥ 1000	6.3	50.1	59.3	71.3	75.1	77.5	81.9	84.6	85.3	88.1	88.5	88.6	89.3	89.3	90.3	90.7
≥ 900	6.3	50.3	59.4	71.4	75.3	77.6	82.1	84.7	85.4	88.2	88.6	88.8	89.4	89.4	90.4	90.8
≥ 800	6.3	50.7	60.1	72.1	76.0	78.3	82.8	85.4	86.1	88.9	89.3	89.4	90.1	90.1	91.1	91.5
≥ 700	6.3	51.0	60.6	72.5	76.4	78.8	83.2	86.0	86.7	89.4	90.1	90.3	91.0	91.0	91.9	92.4
≥ 600	6.3	51.4	61.0	72.9	76.9	79.3	83.8	86.5	87.2	90.0	90.7	90.8	91.5	91.5	92.5	92.9
≥ 500	6.3	51.7	61.5	73.5	77.8	80.1	84.7	87.5	88.2	91.0	91.7	91.8	92.5	92.5	93.5	93.9
≥ 400	6.3	51.7	61.7	73.8	78.1	80.4	85.1	88.2	89.0	91.8	92.5	92.6	93.3	93.3	94.3	94.7
≥ 300	6.3	51.7	61.8	74.0	78.3	80.8	86.0	89.4	90.7	93.5	94.4	94.6	95.3	95.3	96.4	96.8
≥ 200	6.3	51.7	61.8	74.0	78.3	80.8	86.0	89.7	91.0	94.4	95.6	95.7	96.4	96.5	97.9	98.6
≥ 100	6.3	51.7	61.8	74.0	78.3	80.8	86.0	89.7	91.0	94.7	95.8	96.0	96.8	96.9	98.8	99.7
≥ 0	6.3	51.7	61.8	74.0	78.3	80.8	86.0	89.7	91.0	94.7	95.8	96.0	96.8	96.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 720



2  
CLICAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	12.1	39.3	42.5	47.6	44.4	44.4	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	13.7	47.4	51.0	52.2	53.3	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	13.9	47.4	51.0	52.2	53.3	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	13.7	47.4	51.0	52.2	53.3	53.5	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	14.0	47.9	51.5	52.8	54.2	54.3	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	14.3	50.1	53.9	55.1	56.7	56.8	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	15.1	54.6	59.2	60.7	62.4	62.8	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	15.4	55.4	60.3	61.8	63.6	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	15.6	56.0	61.4	63.2	65.1	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	15.7	56.3	61.8	63.6	65.8	66.3	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	15.7	56.4	61.9	63.8	66.0	66.4	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	15.7	56.7	62.2	64.3	66.5	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	15.7	56.8	62.4	64.4	66.7	67.1	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	16.7	57.5	63.1	65.1	67.6	68.1	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	16.7	58.2	63.9	66.0	68.5	68.9	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	16.1	60.7	66.7	68.8	71.3	71.7	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	17.4	66.5	72.8	75.0	77.5	77.9	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2000	13.6	72.1	78.5	80.8	83.3	83.8	84.4	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	19.2	73.6	80.1	82.6	85.1	85.6	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	19.4	76.7	83.2	85.8	88.8	89.2	90.1	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	19.4	77.6	84.3	87.4	90.4	90.8	92.2	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	19.4	78.6	85.6	88.6	91.8	92.2	93.6	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	19.6	79.3	86.3	89.3	92.9	93.3	95.0	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	19.6	79.6	86.7	89.7	93.5	93.9	95.7	96.1	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	19.6	80.3	87.4	90.4	94.2	94.6	96.5	96.9	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	19.6	80.3	87.4	90.7	94.4	94.9	96.8	97.5	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	19.6	80.4	87.5	90.8	94.9	95.4	97.5	98.2	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	19.7	80.6	87.6	91.0	95.0	95.6	97.6	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	19.7	80.6	87.8	91.1	95.1	95.7	97.8	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	19.7	80.6	87.8	91.1	95.1	95.7	97.8	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	19.7	80.6	87.8	91.1	95.1	95.7	97.8	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	19.7	80.6	87.8	91.1	95.1	95.7	97.8	98.5	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	10.0	30.6	31.9	31.9	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 2000	16.4	47.4	49.3	49.7	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1800	16.4	47.4	49.3	49.7	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1600	16.4	47.4	49.3	49.7	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1400	16.4	47.4	49.3	49.9	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 1200	16.5	46.8	50.9	51.5	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1000	17.5	52.9	54.7	55.4	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 900	17.5	52.9	55.1	55.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 800	17.8	55.3	57.5	58.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 700	17.8	55.8	58.3	59.2	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 600	18.1	56.0	58.5	59.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 500	18.1	56.1	58.6	59.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 450	18.1	56.1	58.6	59.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 400	19.7	59.8	61.7	62.5	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 350	20.6	61.5	64.4	65.3	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 300	21.7	70.0	73.2	74.0	75.0	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 250	22.9	78.5	82.2	83.3	84.3	84.3	84.4	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 200	22.9	82.5	86.3	87.5	88.5	88.6	88.9	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 180	23.1	83.5	87.5	88.8	89.7	89.9	90.1	90.7	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 150	23.1	84.7	89.9	90.3	91.8	91.9	92.2	92.9	92.9	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 120	23.1	85.1	90.7	91.5	93.1	93.2	93.8	94.4	94.4	95.0	95.0	95.1	95.1	95.3	95.3	95.3
≥ 100	23.1	85.1	90.1	91.9	93.5	93.8	94.4	95.6	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.4
≥ 90	23.1	85.1	90.4	92.2	93.9	94.2	95.0	96.1	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 80	23.1	85.1	90.4	92.2	93.9	94.2	95.1	96.4	96.7	97.2	97.4	97.4	97.5	97.5	97.5	97.5
≥ 70	23.1	85.3	90.6	92.4	94.0	94.3	95.3	96.5	96.8	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 60	23.1	85.4	90.8	92.8	94.4	94.9	96.0	97.4	97.6	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 50	23.1	85.6	91.1	93.2	94.9	95.3	96.4	98.1	98.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 40	23.1	85.7	91.4	93.5	95.1	95.6	96.7	98.3	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 30	23.1	85.7	91.4	93.5	95.1	95.6	96.7	98.3	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 20	23.1	85.7	91.4	93.5	95.1	95.6	96.7	98.3	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 10	23.1	85.7	91.4	93.5	95.1	95.6	96.7	98.3	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	23.1	85.7	91.4	93.5	95.1	95.6	96.7	98.3	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1-89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 1/8
NO CEILING	11.7	34.7	36.5	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 2000	17.4	51.9	55.1	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1800	17.4	51.9	55.1	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1600	17.4	51.9	55.1	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1400	19.2	53.1	56.3	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 1200	18.3	55.1	58.5	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1000	19.3	60.8	64.7	65.7	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 900	19.9	61.9	66.0	66.9	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 800	20.1	64.6	68.9	70.3	71.3	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 700	20.3	66.0	70.7	72.1	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 600	20.3	66.7	71.5	73.1	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 500	20.4	67.8	72.6	74.3	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 450	20.4	67.8	72.6	74.3	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 400	20.7	69.2	74.2	76.1	77.1	77.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 350	21.1	71.0	76.1	78.3	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 300	21.7	74.3	79.9	82.5	83.8	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 250	22.1	76.7	82.8	85.6	86.9	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 200	22.2	78.9	85.3	88.9	90.4	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	22.2	79.6	86.7	89.7	91.4	91.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	22.4	80.7	87.4	91.8	93.5	93.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	22.4	81.1	87.9	92.4	94.2	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	22.4	81.5	88.5	93.1	94.9	95.0	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2
≥ 900	22.4	81.5	88.6	93.3	95.1	95.3	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9
≥ 800	22.4	81.5	88.6	93.3	95.1	95.3	97.1	97.4	97.8	97.8	97.8	97.8	97.8	97.9	98.3	98.3
≥ 700	22.4	81.5	88.8	93.5	95.3	95.4	97.2	97.5	97.9	98.1	98.1	98.2	98.6	98.6	98.6	98.6
≥ 600	22.4	81.5	88.9	93.6	95.4	95.6	97.4	97.6	98.1	98.2	98.2	98.3	98.8	98.8	98.8	98.8
≥ 500	22.4	81.5	89.2	94.0	95.8	96.0	97.8	98.1	98.5	98.9	98.9	99.0	99.4	99.4	99.4	99.4
≥ 400	22.4	81.5	89.2	94.0	95.8	96.0	97.8	98.2	98.6	99.2	99.3	99.4	99.9	99.9	99.9	99.9
≥ 300	22.4	81.5	89.2	94.0	95.8	96.0	97.8	98.2	98.6	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 200	22.4	81.5	89.2	94.0	95.8	96.0	97.8	98.2	98.6	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 100	22.4	81.5	89.2	94.0	95.8	96.0	97.8	98.2	98.6	99.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	22.4	81.5	89.2	94.0	95.8	96.0	97.8	98.2	98.6	99.3	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72

LOCAL CLIMATOLOGY BRANCH  
JAFETAC  
AT WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89 JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	2.9	37.6	40.1	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 2000	12.4	53.2	56.5	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1800	12.4	53.2	56.5	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1600	12.4	53.2	56.5	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1400	13.3	54.2	57.6	59.2	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1200	13.6	56.3	59.7	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1000	14.0	61.3	65.4	67.8	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 900	14.2	61.8	66.3	68.6	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 800	15.1	64.9	69.4	72.6	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 700	15.1	66.8	71.4	74.7	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 600	15.3	67.6	72.4	75.7	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 500	15.4	68.6	73.5	76.8	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 450	15.6	68.9	73.8	77.1	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 400	15.6	70.1	75.0	78.8	79.6	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 350	15.6	71.5	76.8	80.7	81.7	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 300	15.7	73.6	79.0	83.2	84.2	84.6	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 250	15.8	75.6	81.7	86.1	87.1	87.6	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 200	15.3	76.7	83.1	87.9	88.9	89.6	90.6	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 180	15.3	77.5	84.7	88.9	89.9	90.6	91.5	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 150	15.3	78.6	85.3	90.7	92.1	92.8	93.8	94.2	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 120	15.8	79.0	85.7	91.1	92.6	93.3	94.4	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 100	15.3	79.6	86.4	92.1	93.8	94.6	95.7	96.1	96.1	96.4	96.5	96.5	96.7	96.7	96.7	96.7
≥ 90	15.3	80.1	86.9	92.6	94.3	95.1	96.3	96.7	96.7	97.1	97.2	97.2	97.4	97.4	97.4	97.4
≥ 80	15.3	80.1	86.9	92.6	94.3	95.1	96.4	96.8	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5
≥ 70	15.3	80.1	86.9	92.6	94.3	95.1	96.5	96.9	96.9	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 60	15.4	80.1	86.9	92.8	94.4	95.3	96.7	97.1	97.1	97.5	97.6	97.6	97.8	97.8	97.8	97.8
≥ 50	15.4	80.1	87.1	93.6	95.6	96.4	97.8	98.2	98.2	98.9	99.0	99.0	99.2	99.2	99.2	99.2
≥ 40	15.4	80.1	87.4	93.9	95.8	96.7	98.1	98.5	98.5	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 30	15.4	80.1	87.4	93.9	95.8	96.7	98.2	98.6	98.6	99.4	99.6	99.6	99.9	99.9	99.9	99.9
≥ 20	15.4	80.1	87.4	93.9	95.8	96.7	98.2	98.8	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 10	15.4	80.1	87.4	93.9	95.8	96.7	98.2	98.8	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	15.4	80.1	87.4	93.9	95.8	96.7	98.2	98.8	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

2  
CLIMAT. CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	8.5	47.5	49.3	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	11.0	61.0	63.1	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	11.0	61.0	63.1	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	11.0	61.0	63.1	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	11.0	61.4	63.5	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	11.0	62.1	64.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	11.1	67.6	69.9	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	11.1	68.6	70.8	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	11.5	70.7	73.2	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	11.7	72.4	75.3	78.2	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	11.7	72.9	76.0	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	11.4	73.6	76.7	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	11.4	73.8	76.8	80.0	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	11.4	75.1	78.8	81.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	12.1	76.4	80.0	83.2	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	12.4	76.3	82.5	85.7	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	12.4	80.6	84.9	88.2	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	12.4	81.3	85.6	88.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	12.4	81.9	86.4	90.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	12.4	83.5	88.1	92.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	12.4	84.0	88.6	94.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	12.4	84.4	89.0	94.6	96.1	96.3	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	12.4	84.6	89.2	94.7	96.3	96.4	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	12.4	84.6	89.2	94.7	96.3	96.4	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	12.4	84.7	89.6	95.3	96.8	96.9	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	12.4	84.9	89.7	95.4	96.9	97.1	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	12.4	84.9	90.0	95.8	97.4	97.5	98.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	12.4	85.0	90.3	96.3	97.8	98.1	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	12.4	85.1	90.4	96.4	97.9	98.2	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	12.4	85.1	90.4	96.4	97.9	98.2	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	12.4	85.1	90.4	96.4	97.9	98.2	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.9
≥ 0	12.4	85.1	90.4	96.4	97.9	98.2	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF-WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	8.4	40.4	44.1	46.8	47.4	47.8	48.4	48.8	48.8	49.1	49.2	49.2	49.3	49.3	49.5	49.5
≥ 20000	11.1	51.7	56.0	59.1	60.0	60.4	61.1	61.5	61.6	62.0	62.0	62.1	62.2	62.2	62.3	62.4
≥ 18000	11.1	51.7	56.1	59.1	60.0	60.4	61.1	61.5	61.6	62.0	62.0	62.1	62.1	62.2	62.2	62.4
≥ 16000	11.1	51.8	56.1	59.2	60.1	60.4	61.2	61.5	61.6	62.0	62.0	62.1	62.1	62.2	62.2	62.4
≥ 14000	11.3	52.2	56.6	59.7	60.7	61.1	61.8	62.2	62.3	62.6	62.7	62.7	62.8	62.8	63.0	63.0
≥ 12000	11.4	53.6	58.0	61.3	62.3	62.7	63.5	63.9	64.0	64.4	64.5	64.5	64.6	64.6	64.7	64.8
≥ 10000	11.4	58.3	63.2	66.7	67.8	68.3	69.1	69.5	69.6	70.0	70.1	70.1	70.2	70.2	70.3	70.4
≥ 9000	11.9	58.9	63.9	67.4	68.6	69.1	69.9	70.3	70.4	70.8	70.9	70.9	71.0	71.0	71.2	71.2
≥ 8000	12.2	63.7	65.9	69.6	71.0	71.5	72.4	72.7	72.8	73.2	73.3	73.3	73.4	73.4	73.6	73.6
≥ 7000	12.3	61.6	66.9	70.7	72.1	72.6	73.5	73.8	73.9	74.4	74.4	74.5	74.6	74.6	74.7	74.8
≥ 6000	12.3	62.0	67.4	71.2	72.6	73.1	74.0	74.4	74.5	74.9	75.0	75.0	75.1	75.1	75.2	75.3
≥ 5000	12.4	62.6	68.1	72.0	73.4	74.0	74.9	75.3	75.3	75.8	75.9	75.9	76.0	76.0	76.1	76.2
≥ 4500	12.4	62.7	68.2	72.1	73.6	74.1	75.0	75.4	75.5	75.9	76.0	76.0	76.1	76.1	76.3	76.3
≥ 4000	12.4	64.0	69.5	73.6	75.1	75.7	76.7	77.1	77.2	77.6	77.7	77.7	77.8	77.8	78.0	78.0
≥ 3500	13.0	65.2	70.9	75.0	76.5	77.1	78.1	78.5	78.6	79.1	79.2	79.2	79.3	79.3	79.4	79.5
≥ 3000	13.5	67.9	73.9	78.1	79.7	80.4	81.4	81.8	81.9	82.3	82.4	82.4	82.6	82.6	82.7	82.9
≥ 2500	13.3	70.7	77.1	81.4	83.1	83.7	84.8	85.2	85.3	85.8	85.9	85.9	86.0	86.0	86.2	86.2
≥ 2000	14.1	72.8	79.4	83.9	85.6	86.3	87.5	88.0	88.1	88.6	88.7	88.7	88.9	88.9	89.0	89.1
≥ 1800	14.1	73.8	80.2	84.9	86.7	87.4	88.6	89.1	89.2	89.7	89.8	89.8	90.0	90.0	90.1	90.2
≥ 1500	14.2	75.0	81.8	86.8	88.8	89.5	90.8	91.4	91.5	92.1	92.2	92.2	92.3	92.3	92.5	92.6
≥ 1200	14.2	75.7	82.7	87.9	89.9	90.7	92.1	92.7	92.8	93.4	93.5	93.5	93.7	93.7	93.9	93.9
≥ 1000	14.2	76.1	83.2	88.7	90.7	91.5	93.0	93.6	93.8	94.5	94.6	94.6	94.8	94.8	95.0	95.0
≥ 900	14.2	76.3	83.4	88.9	91.1	91.9	93.4	94.1	94.3	95.0	95.1	95.1	95.3	95.3	95.5	95.5
≥ 800	14.2	76.4	83.6	89.1	91.3	92.1	93.7	94.4	94.6	95.3	95.4	95.5	95.7	95.7	95.8	95.9
≥ 700	14.2	76.6	84.0	89.5	91.7	92.4	94.1	94.8	95.1	95.8	96.0	96.0	96.2	96.2	96.4	96.4
≥ 600	14.2	76.8	84.2	89.8	92.0	92.8	94.5	95.3	95.5	96.2	96.4	96.4	96.6	96.6	96.8	96.9
≥ 500	14.2	77.0	84.5	90.4	92.7	93.5	95.3	96.0	96.3	97.1	97.3	97.4	97.6	97.6	97.7	97.8
≥ 400	14.2	77.1	84.8	90.7	93.0	93.9	95.7	96.6	96.9	97.8	98.0	98.0	98.2	98.2	98.4	98.5
≥ 300	14.2	77.1	84.9	90.8	93.1	94.0	96.0	97.0	97.3	98.3	98.6	98.6	98.9	98.9	99.0	99.1
≥ 200	14.2	77.2	84.9	90.8	93.2	94.0	96.1	97.2	97.6	98.7	99.0	99.0	99.3	99.3	99.5	99.6
≥ 100	14.2	77.2	84.9	90.8	93.2	94.0	96.1	97.2	97.6	98.7	99.0	99.0	99.4	99.4	99.7	99.9
≥ 0	14.2	77.2	84.9	90.8	93.2	94.0	96.1	97.2	97.6	98.7	99.0	99.0	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

2  
SERIAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2359  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥3
NO CEILING ≥ 25000	15.7	58.6	62.4	65.7	68.1	68.3	69.8	70.2	70.2	70.6	70.7	70.7	71.0	71.1	71.1	71.2
≥ 18000 ≥ 16000	16.7	60.3	64.8	68.7	71.1	71.2	72.8	73.4	73.4	73.8	73.9	73.9	74.2	74.3	74.3	74.5
≥ 14000 ≥ 12000	16.7	60.3	64.8	68.7	71.1	71.2	72.8	73.4	73.4	73.8	73.9	73.9	74.2	74.3	74.3	74.5
≥ 10000 ≥ 9000	16.9	63.3	67.9	71.8	74.2	74.3	75.9	76.5	76.5	76.9	77.0	77.0	77.3	77.4	77.4	77.6
≥ 8000 ≥ 7000	16.9	64.1	68.7	72.6	75.0	75.1	76.7	77.3	77.3	77.7	77.8	77.8	78.1	78.2	78.2	78.4
≥ 6000 ≥ 5000	17.2	64.9	69.6	73.5	75.9	76.3	78.0	78.5	78.5	78.9	79.0	79.0	79.3	79.4	79.4	79.6
≥ 4500 ≥ 4000	17.2	65.7	70.4	74.3	76.7	77.2	78.8	79.3	79.3	79.7	79.8	79.8	80.1	80.2	80.2	80.4
≥ 3500 ≥ 3000	17.3	66.1	70.8	74.7	77.3	77.7	79.3	79.8	80.1	80.5	80.6	80.6	80.9	81.0	81.0	81.2
≥ 2500 ≥ 2000	17.5	67.3	72.1	76.3	79.0	79.4	81.0	81.6	81.9	82.3	82.4	82.4	82.7	82.8	82.8	82.9
≥ 1800 ≥ 1500	17.5	68.3	73.1	77.4	80.1	80.5	82.1	82.7	82.9	83.3	83.5	83.5	83.7	83.9	83.9	84.0
≥ 1200 ≥ 1000	17.5	69.2	74.2	78.6	81.5	81.9	83.5	84.0	84.3	84.7	84.8	84.8	85.1	85.2	85.2	85.3
≥ 900 ≥ 800	17.6	70.6	75.5	80.0	82.8	83.2	84.8	85.3	85.6	86.0	86.2	86.2	86.4	86.6	86.6	86.7
≥ 700 ≥ 600	17.9	71.6	76.7	81.5	84.3	84.7	86.4	87.0	87.2	87.6	87.8	87.8	88.0	88.2	88.2	88.3
≥ 500 ≥ 400	17.9	73.1	78.5	83.6	86.4	86.8	88.6	89.1	89.5	89.9	90.1	90.1	90.3	90.5	90.5	90.6
≥ 300 ≥ 200	18.0	74.2	79.7	84.8	87.8	88.3	90.2	90.7	91.1	91.5	91.7	91.7	91.9	92.1	92.1	92.2
≥ 180 ≥ 150	18.0	74.5	80.4	85.5	88.4	89.0	90.9	91.4	91.8	92.2	92.3	92.3	92.6	92.7	92.7	92.9
≥ 120 ≥ 100	18.0	75.7	81.6	86.7	89.7	90.2	92.1	92.6	93.0	93.4	93.5	93.5	93.8	94.0	94.0	94.1
≥ 90 ≥ 80	18.0	76.5	82.8	87.9	90.9	91.4	93.3	93.8	94.2	94.6	94.8	94.8	95.0	95.2	95.2	95.3
≥ 70 ≥ 60	18.0	76.6	83.1	88.3	91.3	91.8	93.7	94.2	94.6	95.0	95.2	95.2	95.4	95.6	95.6	95.7
≥ 50 ≥ 40	18.0	76.6	83.1	88.6	91.7	92.2	94.1	94.6	95.0	95.4	95.6	95.6	95.8	96.0	96.0	96.1
≥ 30 ≥ 20	18.0	76.6	83.2	88.8	92.1	92.6	94.5	95.0	95.4	95.8	96.0	96.0	96.2	96.4	96.4	96.5
≥ 10 U	18.0	76.6	83.2	88.8	92.1	92.6	94.5	95.0	95.4	95.8	96.0	96.0	96.2	96.4	96.4	96.5
≥ 500	18.0	76.7	83.5	89.1	92.5	93.0	95.0	95.6	96.0	96.5	96.6	96.6	96.9	97.0	97.0	97.2
≥ 400	18.0	77.2	83.9	89.7	93.3	94.0	96.1	96.6	97.0	97.6	97.7	97.7	98.0	98.1	98.1	98.3
≥ 300	18.1	77.4	84.1	89.9	93.5	94.2	96.4	96.9	97.3	97.8	98.0	98.0	98.3	98.4	98.4	98.5
≥ 200	18.1	77.7	84.4	90.2	93.8	94.5	96.6	97.2	97.8	98.4	98.5	98.5	98.8	98.9	99.1	99.2
≥ 100	18.1	77.7	84.4	90.2	93.8	94.5	96.6	97.2	97.8	98.4	98.5	98.5	98.8	98.9	99.2	99.7
U	18.1	77.7	84.4	90.2	93.8	94.5	96.6	97.2	97.8	98.4	98.5	98.5	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	13.1	49.9	56.2	60.1	60.8	61.3	64.1	64.9	65.2	66.5	66.7	66.7	67.5	67.9	68.4	68.8
≥ 20000	13.1	52.3	59.1	63.6	64.2	64.8	67.6	68.4	68.7	70.0	70.2	70.2	71.0	71.4	71.9	72.3
≥ 18000	13.1	52.4	59.3	63.7	64.4	64.9	67.7	68.5	68.8	70.2	70.3	70.3	71.1	71.5	72.0	72.4
≥ 16000	13.1	52.4	59.3	63.7	64.4	64.9	67.7	68.5	68.8	70.2	70.3	70.3	71.1	71.5	72.0	72.4
≥ 14000	13.1	52.4	59.3	63.7	64.4	64.9	67.7	68.5	68.8	70.2	70.3	70.3	71.1	71.5	72.0	72.4
≥ 12000	13.1	52.4	59.4	64.0	64.7	65.3	69.1	69.0	69.2	70.6	70.7	70.7	71.5	71.9	72.4	72.8
≥ 10000	13.0	53.8	61.0	65.7	66.4	67.1	70.0	70.8	71.1	72.4	72.6	72.6	73.4	73.8	74.3	74.7
≥ 9000	13.2	54.8	62.1	66.8	67.5	68.1	71.1	71.9	72.2	73.5	73.7	73.7	74.5	74.9	75.4	75.8
≥ 8000	13.2	55.4	63.0	67.9	68.5	69.2	72.3	73.3	73.5	74.9	75.0	75.0	75.8	76.2	76.7	77.2
≥ 7000	13.2	55.9	63.6	68.4	69.1	69.8	73.0	73.9	74.2	75.5	75.7	75.7	76.5	76.9	77.4	77.8
≥ 6000	13.2	56.0	63.7	68.5	69.2	69.9	73.1	74.1	74.3	75.7	75.8	75.8	76.6	77.0	77.6	78.0
≥ 5000	13.2	57.0	64.7	69.8	70.4	71.1	74.3	75.3	75.5	76.9	77.0	77.0	77.8	78.2	78.8	79.2
≥ 4500	13.2	57.4	65.1	70.2	70.8	71.5	74.7	75.7	75.9	77.3	77.4	77.4	78.2	78.6	79.2	79.6
≥ 4000	13.2	58.7	66.4	71.5	72.2	72.8	76.1	77.0	77.4	78.8	78.9	78.9	79.7	80.1	80.6	81.0
≥ 3500	13.2	60.5	68.3	73.4	74.1	74.7	78.1	79.0	79.4	80.8	80.9	80.9	81.7	82.1	82.7	83.1
≥ 3000	13.7	62.8	70.7	75.9	76.6	77.3	80.9	81.9	82.3	83.6	83.7	83.7	84.5	84.9	85.5	85.9
≥ 2500	13.3	63.8	72.2	77.4	78.2	78.9	82.7	83.6	84.1	85.5	85.6	85.6	86.4	86.8	87.4	87.8
≥ 2000	14.1	65.9	73.8	79.0	79.8	80.5	84.3	85.5	86.0	87.4	87.5	87.5	88.3	88.7	89.2	89.7
≥ 1800	14.1	65.7	74.1	79.3	80.1	80.8	84.5	85.8	86.3	87.6	87.8	87.8	88.6	89.0	89.5	89.9
≥ 1500	14.4	66.9	75.4	80.6	81.7	82.4	86.2	87.4	87.9	89.2	89.4	89.4	90.2	90.6	91.1	91.5
≥ 1200	14.9	67.3	76.1	81.3	82.4	83.1	86.8	88.0	88.6	90.1	90.2	90.2	91.0	91.4	91.9	92.3
≥ 1000	14.9	67.3	76.2	81.7	82.8	83.5	87.2	88.4	89.0	90.5	90.6	90.6	91.4	91.8	92.3	92.7
≥ 900	14.9	68.0	76.9	82.4	83.5	84.1	87.9	89.1	89.7	91.1	91.3	91.3	92.1	92.5	93.0	93.4
≥ 800	14.9	68.1	77.0	82.5	83.6	84.3	88.0	89.2	89.8	91.3	91.4	91.4	92.2	92.6	93.1	93.7
≥ 700	14.9	68.3	77.2	82.9	84.0	84.7	88.4	89.7	90.2	91.7	91.8	91.8	92.6	93.0	93.5	94.1
≥ 600	14.9	68.4	77.4	83.1	84.5	85.2	89.0	90.2	90.7	92.2	92.3	92.3	93.1	93.5	94.1	94.6
≥ 500	14.9	68.5	77.6	83.5	85.1	85.8	89.6	91.0	91.5	93.0	93.1	93.1	94.0	94.4	94.9	95.4
≥ 400	14.9	68.5	77.6	83.9	85.5	86.2	90.5	91.8	92.3	93.8	94.0	94.0	94.8	95.2	95.7	96.2
≥ 300	14.9	68.5	77.6	84.1	85.8	86.6	91.0	92.3	92.9	94.4	94.6	94.6	95.4	95.8	96.4	96.9
≥ 200	14.9	68.5	77.6	84.3	85.9	86.7	91.5	92.9	93.8	95.3	95.6	95.6	96.4	96.8	97.4	97.9
≥ 100	14.9	68.5	77.6	84.3	85.9	86.7	91.5	92.9	94.0	95.4	95.7	95.7	96.9	97.4	98.7	99.3
≥ 0	14.9	68.5	77.6	84.3	85.9	86.7	91.5	92.9	94.0	95.4	95.7	95.7	96.9	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744



2  
1  
JULY 1989  
JACKSONVILLE FL  
73-80

GENERAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION

JACKSONVILLE FL

73-80

OCT

STATION NAME

JACKSONVILLE FL

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	12.6	40.6	46.4	50.5	53.2	54.7	56.5	57.3	57.9	59.3	60.1	60.1	60.3	60.3	61.2	61.7
≥ 25000	13.2	43.8	50.5	55.9	58.7	60.3	62.4	63.3	64.2	66.0	66.8	66.8	66.8	67.2	68.0	68.7
≥ 18000	13.2	43.8	50.5	55.9	58.7	60.3	62.4	63.3	64.2	66.0	66.8	66.8	66.8	67.2	68.0	68.7
≥ 16000	13.2	43.8	50.5	55.9	58.7	60.3	62.4	63.3	64.2	66.0	66.8	66.8	66.8	67.2	68.0	68.7
≥ 14000	13.2	44.1	50.8	56.2	59.3	60.9	62.9	63.8	64.8	66.5	67.5	67.5	67.5	67.9	68.7	69.4
≥ 12000	13.2	44.9	51.5	57.5	60.6	62.5	64.5	65.5	66.4	68.1	69.1	69.1	69.1	69.5	70.3	71.0
≥ 10000	13.2	46.2	53.8	59.8	62.9	64.8	66.8	67.7	68.7	70.6	71.5	71.5	71.5	71.9	72.7	73.4
≥ 9000	13.2	46.8	54.3	60.3	63.4	65.3	67.3	68.3	69.2	71.1	72.0	72.0	72.0	72.4	73.3	73.9
≥ 8000	13.4	47.6	55.2	61.7	64.9	66.8	68.8	69.8	70.7	72.6	73.5	73.5	73.5	74.1	74.9	75.5
≥ 7000	13.4	48.0	55.6	62.1	65.6	67.5	69.6	70.6	71.5	73.5	74.5	74.5	74.5	75.0	75.8	76.5
≥ 6000	13.4	48.5	56.3	62.8	66.4	68.3	70.4	71.4	72.3	74.3	75.3	75.3	75.3	75.8	76.6	77.3
≥ 5000	13.7	49.5	57.4	63.8	67.5	69.4	71.8	72.7	73.7	75.8	76.7	76.7	76.7	77.3	78.1	78.8
≥ 4500	13.4	50.1	59.1	64.5	68.1	70.0	72.4	73.5	74.5	76.7	77.7	77.7	77.7	78.2	79.0	79.7
≥ 4000	14.1	50.8	58.7	65.3	69.1	71.0	73.4	74.5	75.4	77.7	78.6	78.6	78.6	79.2	80.0	80.6
≥ 3500	14.1	52.3	60.2	66.9	70.8	72.7	75.3	76.3	77.3	79.6	80.6	80.6	80.6	81.2	82.0	82.7
≥ 3000	14.5	53.5	61.4	68.4	72.3	74.2	76.7	77.8	78.8	81.0	82.1	82.1	82.1	82.7	83.5	84.1
≥ 2500	15.3	55.0	63.0	70.2	74.1	75.9	78.5	79.6	80.5	82.8	83.9	83.9	83.9	84.4	85.2	85.9
≥ 2000	15.5	56.5	64.7	71.9	75.8	77.7	80.2	81.5	82.4	84.7	85.8	85.8	85.8	86.3	87.1	87.8
≥ 1800	15.5	56.6	64.8	72.0	75.9	77.8	80.4	81.6	82.5	84.8	85.9	85.9	85.9	86.4	87.2	87.9
≥ 1500	15.5	57.4	65.6	72.8	76.9	78.8	81.5	82.7	83.6	85.9	87.0	87.0	87.0	87.5	88.3	89.0
≥ 1200	15.9	58.6	66.9	74.3	78.4	80.2	82.9	84.1	85.1	87.4	88.4	88.4	88.4	89.0	89.8	90.5
≥ 1000	15.9	59.7	68.1	75.5	79.6	81.5	84.3	85.5	86.4	88.7	89.8	89.8	89.8	90.3	91.1	91.8
≥ 900	15.7	59.7	68.1	75.7	79.7	81.6	84.4	85.6	86.6	88.8	89.9	89.9	89.9	90.5	91.3	92.1
≥ 800	15.9	60.3	68.8	76.3	80.5	82.4	85.2	86.4	87.4	89.8	90.9	90.9	90.9	91.4	92.2	93.0
≥ 700	15.9	60.5	69.2	76.7	80.9	82.8	85.6	86.8	87.8	90.3	91.4	91.4	91.4	91.9	92.7	93.5
≥ 600	15.7	60.5	69.9	77.4	81.6	83.5	87.0	88.2	89.1	91.7	92.7	92.7	92.7	93.3	94.1	94.9
≥ 500	15.7	60.6	70.0	77.6	81.9	83.9	87.6	89.0	89.9	92.5	93.5	93.5	93.5	94.1	94.9	95.7
≥ 400	15.9	60.9	70.3	78.0	82.4	84.5	88.6	89.9	90.9	93.4	94.5	94.5	94.5	95.0	95.8	96.6
≥ 300	15.9	60.9	70.4	78.2	82.7	84.8	89.0	90.3	91.3	94.1	95.2	95.2	95.2	95.8	96.6	97.4
≥ 200	15.9	60.9	70.4	78.5	82.9	85.1	89.2	90.6	92.1	95.2	96.2	96.2	96.2	96.9	97.7	98.5
≥ 100	15.9	60.9	70.4	78.5	82.9	85.1	89.2	90.6	92.1	95.2	96.4	96.4	96.4	97.0	97.8	98.6
≥ 0	15.9	60.9	70.4	78.5	82.9	85.1	89.2	90.6	92.1	95.2	96.4	96.4	96.4	97.0	97.8	98.6

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1789

JACKSONVILLE FL

73-80

01

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1980-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	51.1	51.1	53.6	55.4	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	24.2	59.0	62.2	64.0	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	24.2	59.0	62.2	64.0	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	24.2	59.0	62.2	64.0	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	24.2	59.0	62.2	64.0	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	24.2	59.7	63.3	65.2	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	24.3	61.3	65.1	67.1	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9500	24.3	61.7	65.5	67.5	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	25.0	63.4	67.6	69.8	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	25.0	64.0	68.4	70.6	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	25.3	64.5	69.0	71.2	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	25.3	65.1	69.6	71.9	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	25.4	65.5	70.2	72.4	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	25.5	66.4	71.6	74.2	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	25.7	68.3	73.7	76.2	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	26.2	70.8	76.2	78.8	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	26.9	73.3	78.9	81.5	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	27.8	75.8	81.6	84.3	85.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	28.3	76.6	82.4	85.2	86.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	28.3	78.9	84.8	87.9	88.7	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	28.4	81.2	87.6	90.7	91.8	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	28.4	82.0	89.0	92.6	93.7	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	28.4	82.4	89.5	93.4	94.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	28.4	82.8	90.2	94.1	95.3	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	28.4	83.1	90.5	94.4	95.6	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	28.4	83.2	90.6	94.6	96.2	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	28.4	83.2	90.6	94.6	96.2	96.4	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	28.4	83.2	90.9	95.2	96.6	96.9	97.6	98.1	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	28.4	83.2	90.9	95.2	96.6	96.9	97.7	98.1	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	28.4	83.2	90.9	95.2	96.6	96.9	97.7	98.3	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	28.4	83.2	90.9	95.2	96.6	96.9	97.7	98.3	99.1	99.3	99.6	99.6	99.7	99.7	99.9	100.0
≥ 0	28.4	83.2	90.9	95.2	96.6	96.9	97.7	98.3	99.1	99.3	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

U.S. NATIONAL CLIMATOLOGY BRANCH  
ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

DOT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	23.7	48.4	49.8	48.8	49.8	49.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2000	28.5	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1800	28.5	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1600	28.5	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1400	28.5	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1200	28.5	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1000	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 900	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 800	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 700	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 600	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 500	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 450	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 400	29.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 350	31.5	73.1	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 300	33.2	78.0	79.3	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 250	35.9	84.7	86.2	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 200	36.4	88.6	90.5	91.0	91.3	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	36.4	89.2	91.3	91.8	92.1	92.2	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	37.1	91.8	94.2	95.3	95.6	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	37.1	92.3	94.9	96.1	96.4	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	37.1	92.5	95.0	96.4	96.6	96.8	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	37.1	92.6	95.2	96.6	96.9	97.0	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	37.1	92.6	95.2	96.6	97.3	97.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	37.1	92.6	95.2	96.6	97.3	97.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	37.1	92.6	95.2	96.6	97.3	97.4	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	37.1	92.6	95.2	96.6	97.3	97.6	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	37.1	92.6	95.2	96.6	97.3	97.6	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	37.1	92.6	95.2	96.6	97.3	97.6	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	37.1	92.6	95.2	96.6	97.3	97.6	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	37.1	92.6	95.2	96.6	97.3	97.6	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	37.1	92.6	95.2	96.6	97.3	97.6	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

CCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING ≥ 20000	27.6	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	30.9	62.9	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	30.9	62.9	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	30.9	62.9	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	31.3	64.0	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	32.0	68.7	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	32.3	69.4	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	33.3	73.1	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	33.3	73.4	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	33.3	74.2	75.0	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	33.3	74.9	75.7	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	33.3	75.3	76.1	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	34.1	77.6	78.4	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	35.5	79.6	80.4	81.2	81.2	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	36.7	82.0	82.9	83.7	83.7	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	38.3	85.3	86.6	87.5	87.5	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	39.2	88.7	89.9	91.0	91.0	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	39.7	90.5	92.1	93.1	93.1	93.1	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	39.9	91.3	93.0	94.1	94.1	94.1	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	39.9	91.7	93.4	94.6	94.8	94.8	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	39.9	91.7	93.4	94.9	95.3	95.4	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	39.9	91.8	93.5	95.0	95.8	96.0	96.9	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	39.9	91.8	93.5	95.0	96.0	96.1	97.0	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	39.9	91.8	93.5	95.2	96.1	96.2	97.7	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	39.9	91.8	93.5	95.3	96.2	96.9	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	39.9	91.8	93.5	95.3	96.2	96.9	98.5	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	39.9	91.8	93.5	95.3	96.2	97.0	98.8	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.9	91.8	93.5	95.3	96.2	97.0	98.8	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.9	91.8	93.5	95.3	96.2	97.0	98.8	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.9	91.8	93.5	95.3	96.2	97.0	98.8	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.9	91.8	93.5	95.3	96.2	97.0	98.8	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
METAC  
AT LEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	24.6	60.6	61.6	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	27.8	70.0	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 18500	27.8	70.0	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 17000	27.8	70.0	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 15500	27.8	70.0	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 14000	27.8	70.0	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 12500	28.2	70.4	71.5	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
≥ 11000	28.4	73.8	75.0	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
≥ 9500	28.4	73.9	75.1	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 8000	29.6	78.2	79.6	80.5	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
≥ 7000	29.6	78.2	79.6	80.5	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.6	81.6	81.7	81.7	81.7
≥ 6000	29.6	79.3	80.6	81.6	82.1	82.1	82.3	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 5000	29.8	80.2	81.6	82.7	83.2	83.2	83.3	83.5	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9
≥ 4500	30.0	80.8	82.1	83.5	84.0	84.0	84.1	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7
≥ 4000	30.1	82.0	83.3	84.7	85.2	85.2	85.3	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
≥ 3500	30.2	83.1	84.5	86.0	86.6	86.6	86.7	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2
≥ 3000	30.6	84.5	86.0	87.6	88.2	88.2	88.4	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0
≥ 2500	30.3	85.2	86.7	88.3	88.8	88.8	89.1	89.2	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7
≥ 2000	31.0	86.8	88.6	90.5	91.0	91.0	91.3	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 1800	31.0	87.5	89.5	91.5	92.1	92.1	92.3	92.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9
≥ 1500	31.0	88.0	90.5	92.7	93.4	93.4	94.0	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1200	31.1	88.3	90.9	93.4	94.4	94.4	95.0	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
≥ 1000	31.1	88.8	91.4	94.1	95.3	95.4	96.2	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8
≥ 900	31.1	89.0	91.7	94.5	95.7	95.8	96.9	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 800	31.0	89.2	91.9	94.9	96.1	96.4	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 700	31.0	89.5	92.5	95.6	96.8	97.0	98.1	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7
≥ 600	31.0	89.8	92.9	96.0	97.3	97.6	98.7	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 500	31.0	90.1	93.1	96.2	97.6	97.8	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	31.0	90.1	93.1	96.4	97.7	98.0	99.1	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	31.0	90.1	93.1	96.4	97.7	98.0	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.0	90.1	93.1	96.4	97.7	98.0	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.0	90.1	93.1	96.4	97.7	98.0	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.1	90.1	93.1	96.4	97.7	98.0	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

73-60

007

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	21.1	59.8	62.6	64.7	66.0	66.0	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	22.6	65.6	69.1	71.2	72.8	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	22.6	65.6	69.1	71.2	72.8	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	22.6	65.6	69.1	71.2	72.8	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	22.7	65.9	69.2	71.5	73.1	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	23.3	67.6	71.0	73.4	75.0	75.0	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	23.3	68.5	71.9	74.3	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	23.4	70.7	75.3	77.8	79.7	79.7	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	23.4	71.4	75.9	78.5	80.4	80.4	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	23.5	71.9	76.5	79.0	80.9	80.9	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	23.7	72.6	77.2	79.8	81.7	81.7	82.1	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	23.7	73.1	77.7	80.6	82.5	82.5	82.9	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	24.1	75.4	80.0	82.9	84.8	84.8	85.2	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	24.1	76.5	81.3	84.3	86.2	86.2	86.6	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	24.1	77.4	82.5	85.5	87.5	87.5	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	24.1	79.2	84.4	87.4	89.4	89.4	89.8	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	24.3	80.6	85.9	88.8	90.9	90.9	91.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	24.3	81.0	86.7	89.8	91.8	91.8	92.2	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	24.3	82.1	87.9	91.1	93.1	93.1	93.5	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	24.3	83.3	89.4	92.7	94.8	94.8	95.4	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	24.3	84.0	90.1	93.4	95.4	95.4	96.1	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	24.3	84.3	90.3	93.7	95.7	95.7	96.4	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	24.3	84.7	90.9	94.2	96.2	96.2	96.9	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	24.3	84.8	91.1	94.9	96.9	96.9	97.6	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	24.3	85.1	91.4	95.3	97.4	97.4	98.1	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	24.3	85.3	91.7	95.6	97.8	97.8	98.5	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	24.3	85.6	91.9	95.8	98.1	98.1	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	24.3	85.6	91.9	96.0	98.3	98.3	98.9	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	24.3	85.6	91.9	96.0	98.3	98.3	98.9	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.3	85.6	91.9	96.0	98.3	98.3	98.9	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.3	85.6	91.9	96.0	98.3	98.3	98.9	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	20.0	52.9	55.4	57.8	58.8	59.0	59.9	60.1	60.3	60.7	60.8	60.8	61.0	61.0	61.2	61.3
≥ 20000	22.1	59.2	62.6	64.9	65.9	66.2	67.1	67.4	67.6	68.0	68.1	68.1	68.3	68.4	68.6	68.7
≥ 18000	22.1	59.2	62.6	64.9	65.9	66.2	67.1	67.4	67.6	68.0	68.2	68.2	68.4	68.4	68.6	68.8
≥ 16000	22.1	59.2	62.6	64.9	65.9	66.2	67.1	67.4	67.6	68.0	68.2	68.2	68.4	68.4	68.6	68.8
≥ 14000	22.1	59.3	62.6	65.0	66.0	66.3	67.2	67.5	67.7	68.1	68.3	68.3	68.4	68.5	68.7	68.8
≥ 12000	22.2	59.7	63.2	65.6	66.7	67.0	67.9	68.2	68.4	68.8	69.0	69.0	69.2	69.2	69.4	69.6
≥ 10000	22.5	62.2	65.9	68.4	69.4	69.8	70.7	71.0	71.2	71.6	71.8	71.8	72.0	72.0	72.2	72.4
≥ 9000	22.6	62.9	66.5	69.0	70.1	70.4	71.4	71.7	71.8	72.3	72.4	72.4	72.6	72.7	72.9	73.0
≥ 8000	23.1	64.9	68.8	71.4	72.6	73.0	73.9	74.2	74.4	74.8	75.0	75.0	75.2	75.3	75.4	75.6
≥ 7000	23.1	65.3	69.3	72.0	73.2	73.6	74.6	74.9	75.2	75.6	75.8	75.8	76.0	76.1	76.2	76.4
≥ 6000	23.2	65.9	69.9	72.6	73.8	74.2	75.2	75.6	75.8	76.3	76.5	76.5	76.7	76.7	76.9	77.1
≥ 5000	23.3	66.7	70.7	73.6	74.8	75.2	76.2	76.6	76.8	77.3	77.5	77.5	77.7	77.8	77.9	78.1
≥ 4500	23.3	67.2	71.3	74.2	75.5	75.9	76.9	77.2	77.5	78.0	78.2	78.2	78.4	78.5	78.6	78.8
≥ 4000	23.6	68.6	72.8	75.8	77.1	77.5	78.5	78.9	79.2	79.7	79.9	79.9	80.1	80.2	80.3	80.5
≥ 3500	24.0	70.5	74.8	77.8	79.1	79.5	80.6	80.9	81.2	81.7	81.9	81.9	82.1	82.2	82.4	82.5
≥ 3000	24.6	72.6	77.0	80.1	81.5	81.9	83.0	83.4	83.7	84.2	84.4	84.4	84.6	84.6	84.8	85.0
≥ 2500	25.4	74.9	79.6	82.8	84.2	84.6	85.8	86.2	86.5	87.0	87.2	87.2	87.4	87.4	87.6	87.8
≥ 2000	25.3	77.1	81.8	85.2	86.6	87.0	88.2	88.6	89.0	89.5	89.7	89.7	89.9	90.0	90.1	90.3
≥ 1800	25.9	77.7	82.6	86.0	87.4	87.9	89.1	89.5	89.9	90.4	90.6	90.6	90.8	90.8	91.0	91.2
≥ 1500	26.1	79.0	84.1	87.7	89.1	89.6	90.9	91.3	91.6	92.2	92.4	92.4	92.6	92.6	92.8	93.0
≥ 1200	26.1	79.9	85.2	88.9	90.5	90.9	92.3	92.7	93.1	93.6	93.8	93.8	94.0	94.1	94.3	94.4
≥ 1000	26.1	80.3	85.8	89.6	91.2	91.6	93.1	93.6	93.9	94.5	94.7	94.7	94.9	95.0	95.1	95.3
≥ 900	26.1	80.5	86.0	90.0	91.6	92.1	93.6	94.2	94.5	95.1	95.3	95.3	95.5	95.5	95.7	95.9
≥ 800	26.1	80.8	86.3	90.3	92.1	92.6	94.1	94.7	95.0	95.6	95.8	95.8	96.0	96.1	96.2	96.4
≥ 700	26.1	80.9	86.5	90.6	92.5	92.9	94.6	95.1	95.4	96.1	96.3	96.3	96.5	96.5	96.7	96.9
≥ 600	26.1	81.0	86.8	90.9	92.8	93.4	95.1	95.7	96.1	96.7	96.9	96.9	97.1	97.2	97.3	97.5
≥ 500	26.1	81.1	86.9	91.1	93.1	93.6	95.5	96.1	96.6	97.2	97.4	97.4	97.6	97.7	97.8	98.0
≥ 400	26.1	81.2	87.0	91.3	93.4	94.0	96.0	96.7	97.2	97.9	98.1	98.1	98.3	98.4	98.6	98.7
≥ 300	26.2	81.3	87.1	91.5	93.5	94.2	96.2	96.9	97.4	98.2	98.4	98.4	98.6	98.7	98.8	99.0
≥ 200	26.2	81.3	87.1	91.5	93.6	94.3	96.3	97.0	97.7	98.5	98.7	98.7	99.0	99.1	99.3	99.5
≥ 100	26.2	81.3	87.1	91.5	93.6	94.3	96.3	97.0	97.7	98.5	98.8	98.8	99.1	99.2	99.5	99.8
≥ 0	26.2	81.3	87.1	91.5	93.6	94.3	96.3	97.0	97.7	98.5	98.8	98.8	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

CLERICAL CLIMATOLOGY BRANCH  
JAFETAC  
AT WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-7200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	15.6	46.9	50.3	53.8	54.1	56.4	56.9	57.1	57.4	57.9	58.6	58.8	61.0	61.4	62.9	64.7
≥ 20000	16.7	50.1	53.5	56.7	59.6	59.9	60.4	60.7	61.0	61.5	62.2	62.4	64.9	65.3	66.8	68.6
≥ 18000	16.7	50.1	53.5	56.9	59.6	59.9	60.4	60.7	61.0	61.5	62.2	62.4	64.9	65.3	66.8	68.6
≥ 16000	16.7	50.1	53.5	56.9	59.6	59.9	60.4	60.7	61.0	61.5	62.2	62.4	64.9	65.3	66.8	68.6
≥ 14000	16.0	50.1	53.5	56.9	59.6	59.9	60.4	60.7	61.0	61.5	62.2	62.4	64.9	65.3	66.8	68.6
≥ 12000	16.0	50.7	54.3	57.3	60.4	60.7	61.3	61.5	61.8	62.4	63.1	63.2	65.7	66.1	67.6	69.4
≥ 10000	16.0	51.3	55.0	58.6	61.3	61.5	62.1	62.4	62.6	63.6	64.3	64.4	67.1	67.5	69.2	70.8
≥ 9000	16.0	51.3	55.0	58.8	61.4	61.7	62.2	62.5	62.8	63.8	64.4	64.6	67.2	67.8	69.2	71.0
≥ 8000	16.7	53.6	57.4	61.3	63.9	64.2	64.7	65.0	65.3	66.3	66.9	67.1	69.7	70.1	71.7	73.5
≥ 7000	17.1	55.6	59.3	63.3	66.0	66.3	66.8	67.1	67.4	68.3	69.0	69.2	71.8	72.2	73.8	75.6
≥ 6000	17.1	56.4	60.1	64.3	66.9	67.2	67.8	68.1	68.3	69.3	70.0	70.1	72.8	73.2	74.7	76.5
≥ 5000	17.5	57.5	61.4	65.6	68.2	68.5	69.0	69.3	69.6	70.6	71.3	71.4	74.0	74.4	76.0	77.8
≥ 4500	17.5	57.5	61.7	65.8	68.5	68.8	69.3	69.6	69.9	70.8	71.5	71.7	74.3	74.7	76.3	78.1
≥ 4000	17.5	58.5	62.6	66.8	69.4	69.7	70.3	70.6	70.8	71.8	72.5	72.6	75.3	75.7	77.2	79.0
≥ 3500	17.5	59.7	64.2	68.5	71.4	71.7	72.2	72.5	72.8	73.6	74.4	74.6	77.2	77.6	79.2	81.0
≥ 3000	17.6	60.6	65.4	69.7	72.6	72.9	73.5	73.8	74.0	75.0	75.7	75.8	78.5	78.9	80.4	82.2
≥ 2500	18.1	61.7	66.5	70.8	73.8	74.0	74.6	74.9	75.1	76.1	76.8	76.9	79.6	80.0	81.5	83.3
≥ 2000	18.8	63.2	68.2	72.5	75.4	75.7	76.3	76.5	76.8	77.9	78.6	78.8	81.5	81.9	83.5	85.3
≥ 1800	18.8	63.3	68.3	72.6	75.6	75.8	76.4	76.7	76.9	78.1	78.8	78.9	81.7	82.1	83.6	85.4
≥ 1500	18.8	64.3	69.4	73.9	76.8	77.1	77.6	77.9	78.2	79.3	80.0	80.1	82.9	83.3	84.9	86.7
≥ 1200	18.9	66.1	71.3	75.8	78.8	79.0	79.6	79.9	80.1	81.3	81.9	82.1	84.9	85.3	86.8	88.6
≥ 1000	18.9	66.4	71.7	76.4	79.3	79.7	80.3	80.6	80.8	81.9	82.6	82.8	85.6	86.0	87.5	89.3
≥ 900	18.9	67.1	72.4	77.2	80.1	80.6	81.1	81.4	81.7	82.9	83.6	83.8	86.5	86.9	88.5	90.3
≥ 800	18.9	67.1	72.4	77.5	80.7	81.1	81.7	81.9	82.2	83.5	84.2	84.3	87.1	87.5	89.2	90.8
≥ 700	18.9	67.8	73.1	78.2	81.8	82.2	82.8	83.1	83.3	84.6	85.3	85.4	88.2	88.6	90.1	91.7
≥ 600	18.9	68.1	73.3	78.5	82.1	82.5	83.2	83.5	83.8	85.1	85.8	86.0	88.8	89.2	90.7	92.3
≥ 500	18.9	68.3	73.6	78.8	82.4	82.8	83.8	84.0	84.3	85.8	86.5	86.7	89.4	89.9	91.4	93.2
≥ 400	18.9	68.5	73.8	79.0	82.6	83.1	84.3	84.6	85.0	86.5	87.2	87.4	90.1	90.6	92.1	93.9
≥ 300	19.0	68.8	74.0	79.3	83.2	83.6	85.0	85.6	86.0	87.8	88.9	89.0	91.8	92.2	93.8	95.6
≥ 200	19.0	68.8	74.0	79.3	83.2	83.6	85.0	85.8	86.4	88.8	90.0	90.1	93.2	93.6	95.3	97.1
≥ 100	19.0	68.8	74.0	79.3	83.2	83.6	85.0	85.8	86.4	88.8	90.0	90.1	93.2	93.6	96.1	99.7
≥ 0	19.0	68.8	74.0	79.3	83.2	83.6	85.0	85.8	86.4	88.8	90.0	90.1	93.2	93.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 72



U.S. NATIONAL CLIMATOLOGY BRANCH  
WFO FLTAC  
ATL WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1969

JACKSONVILLE FL

73-60

NOV

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	12.4	42.4	46.4	51.1	51.8	52.1	52.9	53.8	53.9	54.7	55.1	55.1	56.1	56.7	59.1	60.1
≥ 2000	13.1	45.6	49.3	54.6	55.3	55.6	56.4	57.2	57.4	58.2	58.6	58.6	59.6	60.1	62.1	64.2
≥ 1800	13.1	45.6	49.3	54.6	55.3	55.6	56.4	57.2	57.4	58.2	58.6	58.6	59.6	60.1	62.1	64.2
≥ 1600	13.1	45.6	49.3	54.6	55.3	55.6	56.4	57.2	57.4	58.2	58.6	58.6	59.6	60.1	62.1	64.2
≥ 1400	13.1	45.6	49.3	54.6	55.3	55.6	56.4	57.2	57.4	58.2	58.6	58.6	59.6	60.1	62.1	64.2
≥ 1200	13.1	45.7	49.4	55.0	55.7	56.0	56.8	57.6	57.8	58.6	59.0	59.0	60.0	60.5	62.5	64.5
≥ 1000	13.2	47.2	51.1	57.1	57.8	58.1	59.0	59.9	60.0	61.0	61.4	61.4	62.4	62.9	64.9	66.9
≥ 900	13.2	47.5	51.4	57.4	58.1	58.3	59.3	60.1	60.3	61.3	61.7	61.7	62.6	63.2	65.1	67.2
≥ 800	13.2	49.7	53.3	59.7	60.4	60.8	61.8	62.6	62.8	63.8	64.2	64.2	65.1	65.7	67.6	69.7
≥ 700	14.1	50.4	54.4	60.4	61.1	61.7	62.6	63.5	63.6	64.6	65.0	65.0	66.0	66.5	68.5	70.6
≥ 600	14.1	51.8	55.8	61.8	62.5	63.1	64.0	64.9	65.0	66.0	66.4	66.4	67.4	67.9	69.9	71.9
≥ 500	14.3	53.5	57.5	63.5	64.3	64.9	65.8	66.7	66.8	67.8	68.2	68.2	69.2	69.7	71.7	73.8
≥ 4500	14.4	53.9	58.5	64.4	65.4	66.0	66.9	67.8	67.9	68.9	69.3	69.3	70.3	70.8	72.8	74.9
≥ 4000	14.9	55.1	59.7	65.7	66.7	67.2	68.2	69.0	69.2	70.1	70.6	70.6	71.5	72.1	74.0	76.1
≥ 3500	15.1	56.3	61.4	67.4	68.3	68.9	69.9	70.7	70.8	71.8	72.2	72.2	73.2	73.8	75.7	77.8
≥ 3000	15.0	56.9	62.4	68.6	69.6	70.1	71.1	71.9	72.1	73.1	73.5	73.5	74.4	75.0	76.9	79.0
≥ 2500	15.9	59.2	64.7	71.0	71.9	72.5	73.5	74.3	74.4	75.4	75.8	75.8	76.8	77.4	79.3	81.4
≥ 2000	16.1	60.4	66.0	72.4	73.3	73.9	74.9	75.7	75.8	76.8	77.2	77.2	78.2	78.6	80.7	82.8
≥ 1800	16.1	60.6	66.3	72.6	73.6	74.2	75.1	76.0	76.1	77.1	77.5	77.5	78.5	79.0	81.0	83.1
≥ 1500	16.3	61.0	66.8	73.2	74.3	74.9	75.8	76.7	76.8	77.8	78.2	78.2	79.2	79.7	81.7	83.8
≥ 1200	16.4	62.8	68.6	75.1	76.3	76.8	77.8	78.6	78.8	79.7	80.1	80.1	81.1	81.7	83.8	85.9
≥ 1000	16.4	63.6	71.0	76.7	77.8	78.3	79.3	80.1	80.4	81.4	81.8	81.8	82.8	83.3	85.4	87.5
≥ 900	16.4	63.8	70.1	76.9	78.1	78.6	79.7	80.6	80.8	81.8	82.2	82.2	83.2	83.8	85.8	87.9
≥ 800	16.4	63.9	71.4	77.2	78.5	79.0	80.1	81.0	81.3	82.2	82.6	82.6	83.6	84.2	86.3	88.3
≥ 700	16.4	64.2	71.7	77.5	79.0	79.6	80.7	81.5	81.8	82.8	83.2	83.2	84.2	84.7	86.8	88.9
≥ 600	16.4	64.7	71.3	78.1	79.9	80.4	81.5	82.5	82.8	83.8	84.2	84.2	85.1	85.7	87.8	89.9
≥ 500	16.4	65.0	71.7	78.5	80.3	80.8	82.1	83.1	83.3	84.3	84.7	84.7	85.7	86.3	88.3	90.4
≥ 400	16.4	65.1	71.9	78.8	80.6	81.1	82.6	83.6	83.9	84.9	85.3	85.3	86.3	86.8	88.9	91.0
≥ 300	16.4	65.4	72.2	79.0	80.8	81.4	83.1	84.0	84.4	85.8	86.7	86.7	87.6	88.2	90.3	92.4
≥ 200	16.4	65.4	72.4	79.2	81.0	81.5	83.2	84.3	84.7	87.1	88.2	88.2	89.3	89.9	92.4	95.0
≥ 100	16.4	65.4	72.4	79.2	81.0	81.5	83.2	84.3	84.7	87.2	88.3	88.3	89.9	91.0	94.0	96.2
≥ 0	16.4	65.4	72.4	79.2	81.0	81.5	83.2	84.3	84.7	87.2	88.3	88.3	89.9	91.0	94.2	96.0

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH  
WAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

11 89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-0600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	11.1	36.3	39.2	42.5	42.9	44.0	45.7	46.5	47.1	47.9	48.6	48.6	49.7	49.7	50.8	52.9
≥ 2000	12.5	39.2	42.5	46.7	47.4	48.5	50.1	51.4	52.2	53.1	53.9	53.9	55.0	55.0	56.3	58.9
≥ 1800	12.5	39.2	42.9	46.7	47.4	48.5	50.1	51.4	52.2	53.1	53.9	53.9	55.0	55.0	56.3	58.9
≥ 1600	12.5	39.2	42.9	46.7	47.4	48.5	50.1	51.4	52.2	53.1	53.9	53.9	55.0	55.0	56.3	58.9
≥ 1400	12.5	39.2	42.9	46.8	47.5	48.6	50.3	51.5	52.4	53.2	54.0	54.0	55.1	55.1	56.4	58.9
≥ 1200	12.5	40.9	44.6	48.6	49.4	50.6	52.2	53.5	54.3	55.1	56.0	56.0	57.1	57.1	58.5	61.0
≥ 1000	12.5	42.2	46.4	51.0	52.4	53.5	55.1	56.5	57.4	58.2	59.0	59.0	60.1	60.1	61.5	64.2
≥ 900	12.5	42.4	46.5	51.1	52.5	53.6	55.3	56.7	57.5	58.3	59.2	59.2	60.3	60.3	61.7	64.3
≥ 800	13.3	44.0	48.5	53.2	54.6	55.7	57.4	58.8	59.6	60.4	61.3	61.3	62.4	62.4	63.8	66.4
≥ 700	13.3	45.4	50.3	55.0	56.5	57.9	59.6	61.0	61.8	62.6	63.5	63.5	64.6	64.6	66.0	68.6
≥ 600	13.3	46.4	51.3	56.0	57.5	58.9	60.6	61.9	62.8	63.6	64.4	64.4	65.6	65.6	66.9	69.6
≥ 500	14.3	47.9	52.9	58.1	59.7	61.1	62.9	64.3	65.1	66.0	66.8	66.8	67.9	67.9	69.3	71.9
≥ 450	14.3	48.6	54.7	59.2	60.8	62.2	64.0	65.4	66.3	67.1	67.9	67.9	69.0	69.0	70.4	73.1
≥ 400	14.3	50.3	56.0	61.1	62.9	64.3	66.1	67.5	68.3	69.2	70.0	70.0	71.1	71.1	72.5	75.1
≥ 350	14.3	50.4	56.1	61.3	63.1	64.4	66.3	67.6	68.5	69.3	70.1	70.1	71.3	71.3	72.6	75.3
≥ 300	14.4	52.2	58.1	63.3	65.1	66.5	68.5	69.9	70.7	71.8	72.6	72.6	73.8	73.8	75.1	77.8
≥ 250	14.9	53.3	59.2	64.9	66.7	68.1	70.1	71.5	72.4	73.5	74.3	74.3	75.4	75.4	76.8	79.4
≥ 200	15.1	53.9	59.9	65.6	67.4	68.8	70.8	72.2	73.1	74.2	75.0	75.0	76.1	76.1	77.5	80.1
≥ 1800	15.1	54.0	60.0	65.7	67.5	69.0	71.1	72.5	73.3	74.4	75.3	75.3	76.4	76.4	77.8	80.4
≥ 1500	15.1	54.6	60.7	66.4	68.6	70.3	72.4	73.8	74.7	75.8	76.7	76.7	77.8	77.8	79.2	81.8
≥ 1200	15.1	55.0	61.5	67.4	69.6	71.4	73.5	74.9	75.8	76.9	77.8	77.8	78.9	78.9	80.3	82.9
≥ 1000	15.1	55.8	62.6	68.9	71.1	72.9	75.0	76.7	77.6	78.8	79.6	79.6	80.7	80.7	82.2	84.9
≥ 900	15.1	56.3	63.3	69.7	71.9	73.8	76.1	77.8	78.8	79.9	80.7	80.7	81.8	81.8	83.3	86.0
≥ 800	15.1	56.8	63.9	70.6	73.1	74.9	77.2	78.9	79.9	81.0	81.8	81.8	82.9	82.9	84.4	87.1
≥ 700	15.1	57.1	64.3	71.0	73.5	75.4	77.8	79.4	80.4	81.7	82.5	82.5	83.6	83.6	85.1	87.8
≥ 600	15.1	57.5	65.0	71.7	74.3	76.3	78.6	80.7	81.7	82.9	83.8	83.8	84.9	84.9	86.4	89.0
≥ 500	15.1	58.2	65.6	72.6	75.4	77.5	80.1	82.2	83.2	84.6	85.4	85.4	86.5	86.5	88.1	90.7
≥ 400	15.1	58.5	66.3	73.2	76.0	78.1	81.0	83.5	84.4	85.8	86.9	86.9	88.1	88.1	89.6	92.2
≥ 300	15.1	58.5	66.3	73.2	76.0	78.1	81.4	83.9	85.0	86.9	88.3	88.5	89.7	89.7	91.3	93.9
≥ 200	15.1	58.5	66.3	73.2	76.0	78.2	81.5	84.2	85.3	88.2	89.7	89.9	91.1	91.3	92.8	95.4
≥ 100	15.1	58.5	66.3	73.2	76.0	78.2	81.5	84.2	85.3	88.2	89.7	90.0	91.4	91.9	94.4	98.3
≥ 0	15.1	58.5	66.3	73.2	76.0	78.2	81.5	84.2	85.3	88.2	89.7	90.0	91.4	91.9	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	22.4	43.9	51.3	52.2	53.1	53.2	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.2
≥ 20000	24.2	57.6	60.4	61.5	62.5	62.6	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 18000	24.2	57.6	60.4	61.5	62.5	62.6	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 16000	24.2	57.6	60.4	61.5	62.5	62.6	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 14000	24.6	58.3	61.1	62.2	63.2	63.3	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 12000	24.7	59.6	62.4	63.5	64.4	64.6	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 10000	24.9	61.0	63.9	65.3	66.3	66.4	66.9	66.9	66.9	67.2	67.2	67.2	67.4	67.4	67.4	67.5
≥ 9000	25.0	61.9	64.9	66.3	67.2	67.4	67.9	67.9	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.5
≥ 8000	25.2	65.1	68.2	69.6	70.6	70.7	71.3	71.3	71.3	71.5	71.5	71.5	71.7	71.7	71.7	71.8
≥ 7000	26.3	65.7	68.9	70.3	71.3	71.4	71.9	71.9	71.9	72.2	72.2	72.2	72.4	72.4	72.4	72.5
≥ 6000	26.3	66.3	69.4	70.8	71.8	71.9	72.5	72.5	72.5	72.8	72.8	72.8	72.9	72.9	72.9	73.1
≥ 5000	26.3	67.2	70.6	71.9	72.9	73.1	73.6	73.6	73.6	73.9	73.9	73.9	74.0	74.0	74.0	74.2
≥ 4500	26.3	67.2	70.6	71.9	72.9	73.1	73.6	73.6	73.6	73.9	73.9	73.9	74.0	74.0	74.0	74.2
≥ 4000	26.5	69.0	72.6	74.0	75.0	75.1	75.7	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.3
≥ 3500	25.5	69.3	72.9	74.3	75.3	75.4	76.0	76.0	76.0	76.3	76.3	76.3	76.4	76.4	76.4	76.5
≥ 3000	26.3	70.6	74.3	75.7	76.7	76.9	77.5	77.5	77.6	77.9	77.9	77.9	78.1	78.1	78.1	78.2
≥ 2500	27.4	71.7	75.7	77.1	78.1	78.3	78.9	78.9	79.0	79.3	79.3	79.3	79.6	79.6	79.6	79.7
≥ 2000	27.8	73.2	77.5	79.0	80.0	80.3	80.8	80.8	81.0	81.3	81.3	81.4	81.5	81.5	81.5	81.7
≥ 1800	27.8	74.0	78.3	79.9	80.8	81.1	81.7	81.7	81.8	82.1	82.1	82.2	82.4	82.4	82.4	82.5
≥ 1500	28.1	75.6	80.0	81.5	82.5	82.8	83.5	83.5	83.6	83.9	83.9	84.0	84.2	84.2	84.2	84.3
≥ 1200	28.1	75.3	81.1	82.8	83.9	84.2	84.9	84.9	85.0	85.3	85.3	85.4	85.6	85.6	85.6	85.7
≥ 1000	28.2	76.9	81.9	84.0	85.4	86.0	86.7	86.7	86.8	87.1	87.1	87.2	87.4	87.4	87.4	87.5
≥ 900	28.2	77.8	82.8	84.9	86.4	86.9	87.8	87.8	87.9	88.2	88.2	88.3	88.5	88.5	88.5	88.6
≥ 800	28.2	78.5	83.8	85.8	87.5	88.1	89.0	89.0	89.2	89.4	89.4	89.6	89.7	89.7	89.7	89.9
≥ 700	28.3	78.8	84.3	86.4	88.1	88.6	89.9	89.9	90.0	90.3	90.3	90.4	90.6	90.6	90.6	90.7
≥ 600	28.3	79.3	85.7	87.2	89.0	89.6	91.4	91.7	91.8	92.2	92.2	92.4	92.6	92.6	92.6	92.8
≥ 500	28.3	79.6	85.4	87.8	89.7	90.4	92.5	92.9	93.2	93.8	93.8	93.9	94.2	94.2	94.2	94.3
≥ 400	28.3	79.6	85.4	87.8	89.9	90.7	93.1	93.9	94.7	95.6	95.6	95.7	96.1	96.3	96.3	96.4
≥ 300	28.3	79.6	85.4	87.8	89.9	90.8	93.8	94.6	95.8	97.1	97.2	97.4	98.1	98.2	98.2	98.3
≥ 200	28.3	79.6	85.4	87.8	89.9	90.8	93.8	94.6	95.8	97.4	97.5	97.8	98.6	98.6	98.9	99.2
≥ 100	28.3	79.6	85.4	87.8	89.9	90.8	93.8	94.6	95.8	97.4	97.5	97.8	98.6	98.9	99.2	100.0
≥ 0	28.3	79.6	85.4	87.8	89.9	90.8	93.8	94.6	95.8	97.4	97.5	97.8	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1889  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	26.7	48.9	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	30.4	59.6	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	30.4	59.6	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	30.4	59.6	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	30.7	60.0	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	30.9	60.6	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	32.4	65.0	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	32.9	66.8	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	33.6	69.2	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	34.3	70.0	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	34.4	71.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	34.7	71.1	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	35.1	71.5	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	36.1	73.3	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	36.3	75.0	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	38.1	79.6	79.2	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	38.6	82.6	83.3	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	39.0	87.1	87.9	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	39.4	88.3	89.2	89.4	89.6	89.7	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	39.4	89.7	91.1	91.4	91.7	91.8	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	39.6	90.4	91.5	93.3	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	39.6	91.6	92.6	93.5	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	39.6	91.3	93.3	94.4	94.9	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	39.6	91.3	93.3	94.6	95.0	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	39.6	91.3	93.3	94.6	95.1	95.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	39.6	91.3	93.6	94.9	95.4	95.6	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	39.6	91.3	93.8	94.9	95.6	95.7	97.1	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	39.7	91.4	93.9	95.1	95.8	96.0	97.5	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	39.7	91.4	93.9	95.1	95.8	96.0	97.5	97.8	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	39.7	91.4	93.9	95.1	95.8	96.0	97.5	97.8	98.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	39.7	91.4	93.9	95.1	95.8	96.0	97.5	97.8	98.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	39.7	91.4	93.9	95.1	95.8	96.0	97.5	97.8	98.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	28.9	52.8	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	34.3	66.3	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	34.3	66.3	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	34.3	66.3	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	34.4	66.7	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	35.0	67.9	68.1	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	36.7	71.0	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	37.2	72.4	72.5	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	37.5	75.3	75.4	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	37.5	75.8	76.0	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	38.2	77.5	77.6	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	38.2	78.6	78.8	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	38.5	78.9	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	38.6	80.3	80.4	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	39.2	81.4	81.7	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	40.3	84.2	84.4	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	40.5	86.1	86.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	41.4	87.9	88.5	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	41.5	88.6	89.2	90.3	90.8	90.8	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	41.7	89.7	90.3	91.8	92.5	92.5	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	41.7	90.1	91.3	92.8	93.6	93.6	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	41.7	90.3	91.4	92.9	93.8	93.8	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	41.7	90.7	91.9	93.6	94.4	94.4	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	41.7	90.7	91.9	93.8	94.6	94.6	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	41.7	90.7	92.1	93.9	94.7	94.7	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	41.7	90.7	92.4	94.2	95.0	95.4	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	41.7	90.7	92.4	94.2	95.4	95.8	97.9	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	41.7	90.8	92.5	94.3	95.6	96.0	98.1	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	41.7	90.8	92.5	94.3	95.6	96.0	98.1	98.2	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	41.7	90.8	92.5	94.3	95.6	96.0	98.1	98.2	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	41.7	90.8	92.5	94.3	95.6	96.0	98.1	98.2	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	41.7	90.8	92.5	94.3	95.6	96.0	98.1	98.2	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	26.6	55.4	56.8	58.1	58.6	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	29.6	65.1	66.8	68.1	68.6	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	29.6	65.1	66.8	68.1	68.6	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	29.6	65.1	66.8	68.1	68.6	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	29.7	65.3	66.9	68.2	68.8	68.8	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	30.1	65.8	67.5	68.8	69.3	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	31.7	68.8	70.4	71.7	72.2	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	31.8	69.3	71.0	72.2	72.8	72.8	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	32.5	72.2	73.9	75.1	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	32.5	72.9	74.6	75.8	76.4	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	32.5	74.6	76.3	77.6	78.2	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	32.5	76.1	77.8	79.2	79.7	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	32.6	76.3	77.9	79.3	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	32.9	77.4	79.2	80.6	81.1	81.1	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	33.1	78.2	80.3	81.7	82.2	82.2	82.5	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	33.3	80.1	82.2	83.6	84.2	84.2	84.4	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	34.2	81.4	83.8	85.1	85.8	85.8	86.1	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	34.2	82.2	84.9	86.4	87.4	87.6	88.1	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	34.2	82.6	85.3	86.8	87.8	88.1	88.5	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	34.2	83.3	86.4	87.9	88.9	89.2	89.6	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1200	34.3	83.8	87.2	88.8	89.7	90.0	90.4	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3
≥ 1000	34.4	84.0	87.5	89.2	90.1	90.6	91.0	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 900	34.4	84.7	88.3	90.0	91.1	91.5	91.9	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 800	34.4	85.1	89.0	90.8	92.2	92.6	93.1	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 700	34.4	85.1	89.2	91.0	92.6	93.1	93.6	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.9	94.9
≥ 600	34.4	85.3	89.3	91.4	93.2	93.6	94.2	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	34.4	85.4	89.4	91.7	93.5	94.2	94.9	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 400	34.4	85.4	89.6	91.8	93.8	94.7	95.7	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.4	97.4
≥ 300	34.4	85.4	89.6	92.2	94.4	95.4	96.5	97.5	97.8	98.5	98.5	98.5	98.5	98.6	98.8	98.8
≥ 200	34.4	85.4	89.6	92.2	94.4	95.4	96.5	97.5	97.9	98.9	98.9	98.9	98.9	99.3	99.6	99.6
≥ 100	34.4	85.4	89.6	92.2	94.4	95.4	96.5	97.5	97.9	98.9	98.9	98.9	98.9	99.3	99.4	100.0
≥ 0	34.4	85.4	89.6	92.2	94.4	95.4	96.5	97.5	97.9	98.9	98.9	98.9	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989 JACKSONVILLE FL

73-60

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	22.7	52.1	53.8	56.5	57.8	58.1	59.6	59.7	59.7	60.3	60.7	60.7	61.4	61.5	62.5	63.3
≥ 20000	24.2	57.9	59.7	62.5	63.8	64.0	65.6	65.7	65.7	66.3	66.7	66.7	67.4	67.6	68.6	69.4
≥ 18000	24.2	57.9	59.7	62.5	63.8	64.0	65.6	65.7	65.7	66.3	66.7	66.7	67.4	67.6	68.6	69.4
≥ 16000	24.2	57.9	59.7	62.5	63.8	64.0	65.6	65.7	65.7	66.3	66.7	66.7	67.4	67.6	68.6	69.4
≥ 14000	24.2	57.9	59.7	62.5	63.8	64.0	65.6	65.7	65.7	66.3	66.7	66.7	67.4	67.6	68.6	69.4
≥ 12000	24.2	58.3	60.1	62.9	64.2	64.4	66.0	66.1	66.1	66.7	67.1	67.1	67.9	68.1	69.0	69.9
≥ 10000	24.7	60.4	62.4	65.1	66.4	66.7	68.3	68.5	68.5	69.0	69.4	69.4	70.1	70.4	71.5	72.4
≥ 9000	24.9	60.7	62.6	65.4	66.7	66.9	68.6	68.8	68.8	69.3	69.7	69.7	70.4	70.7	71.8	72.6
≥ 8000	26.1	63.2	65.1	68.1	69.3	69.6	71.3	71.4	71.4	71.9	72.4	72.4	73.1	73.3	74.4	75.3
≥ 7000	26.7	64.7	66.7	69.6	70.8	71.1	72.8	72.9	72.9	73.5	73.9	73.9	74.6	74.9	76.0	76.8
≥ 6000	26.9	65.7	67.8	70.8	72.1	72.4	74.0	74.2	74.2	74.7	75.1	75.1	75.8	76.1	77.2	78.1
≥ 5000	26.9	66.7	68.8	71.8	73.1	73.3	75.0	75.1	75.1	75.7	76.1	76.1	76.8	77.1	78.2	79.0
≥ 4500	26.9	66.7	68.8	71.8	73.1	73.3	75.0	75.1	75.1	75.7	76.1	76.1	76.8	77.1	78.2	79.0
≥ 4000	26.9	68.1	70.1	73.2	74.4	74.7	76.4	76.5	76.5	77.1	77.5	77.5	78.2	78.5	79.6	80.4
≥ 3500	26.9	69.2	71.3	74.3	75.6	75.8	77.5	77.8	77.8	78.3	78.8	78.8	79.4	79.7	80.8	81.7
≥ 3000	27.1	70.7	73.2	76.4	77.6	77.9	79.6	79.9	79.9	80.4	80.8	80.8	81.5	81.8	82.9	83.8
≥ 2500	27.2	71.9	74.7	78.1	79.3	79.6	81.3	81.5	81.5	82.1	82.5	82.5	83.2	83.5	84.6	85.4
≥ 2000	27.2	72.5	75.6	78.9	80.1	80.4	82.1	82.4	82.5	83.1	83.5	83.5	84.2	84.4	85.6	86.4
≥ 1800	27.2	72.8	75.8	79.2	80.4	80.7	82.4	82.6	82.8	83.3	83.8	83.8	84.4	84.7	85.8	86.7
≥ 1500	27.2	74.7	79.1	81.4	82.8	83.1	84.7	85.0	85.1	85.7	86.1	86.1	86.8	87.1	88.2	89.0
≥ 1200	27.4	75.6	78.9	82.2	83.6	83.9	85.7	86.0	86.1	86.7	87.1	87.1	87.8	88.1	89.2	90.0
≥ 1000	27.6	76.4	79.7	83.2	84.6	84.9	86.7	86.9	87.1	87.6	88.1	88.1	88.8	89.0	90.1	91.0
≥ 900	27.6	77.1	80.6	84.0	85.4	85.7	87.5	87.8	87.9	88.5	88.9	88.9	89.6	89.9	91.0	91.8
≥ 800	27.6	77.4	81.0	84.4	85.8	86.1	87.9	88.2	88.3	88.9	89.3	89.3	90.0	90.3	91.4	92.2
≥ 700	27.6	77.5	81.1	84.6	86.5	86.8	88.6	88.9	89.0	89.6	90.0	90.0	90.7	91.0	92.1	92.9
≥ 600	27.6	77.5	81.1	84.6	86.5	86.8	88.6	88.9	89.0	89.6	90.0	90.0	90.7	91.0	92.1	92.9
≥ 500	27.8	77.8	81.5	85.1	87.1	87.4	89.2	89.4	89.6	90.1	90.6	90.6	91.3	91.5	92.6	93.5
≥ 400	27.8	77.8	81.5	85.1	87.2	87.5	89.6	90.0	90.1	90.8	91.3	91.3	91.9	92.2	93.3	94.2
≥ 300	27.8	77.9	81.7	85.7	87.8	88.3	90.7	91.5	91.7	92.8	93.2	93.2	93.9	94.2	95.3	96.1
≥ 200	27.8	77.9	81.7	85.7	87.8	88.3	91.0	91.8	92.4	93.8	94.3	94.3	95.1	95.7	96.8	97.6
≥ 100	27.8	77.9	81.7	85.7	87.8	88.3	91.0	91.8	92.4	93.9	94.4	94.4	95.7	96.3	98.3	99.9
≥ 0	27.8	77.9	81.7	85.7	87.8	88.3	91.0	91.8	92.4	93.9	94.4	94.4	95.7	96.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 SAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17-89

JACKSONVILLE FL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	20.3	48.0	49.9	52.1	52.9	53.2	53.9	54.1	54.2	54.6	54.9	54.9	55.5	55.7	56.3	57.2
≥ 20000	27.7	55.2	57.3	59.7	60.6	60.8	61.5	61.8	62.0	62.4	62.7	62.7	63.3	63.5	64.2	65.1
IV 18000	23.0	55.2	57.3	59.7	60.6	60.8	61.5	61.8	62.0	62.4	62.7	62.7	63.3	63.5	64.2	65.1
IV 16000	23.0	55.2	57.3	59.7	60.6	60.8	61.5	61.8	62.0	62.4	62.7	62.7	63.3	63.5	64.2	65.1
IV 14000	23.2	55.4	57.6	59.9	60.8	61.0	61.7	62.0	62.2	62.6	62.9	62.9	63.6	63.7	64.4	65.3
IV 12000	23.3	56.2	58.4	60.8	61.7	61.9	62.6	62.9	63.1	63.5	63.8	63.8	64.5	64.6	65.3	66.3
IV 10000	24.0	58.4	60.7	63.3	64.2	64.5	65.2	65.5	65.7	66.1	66.4	66.5	67.2	67.3	68.1	69.0
IV 9000	24.2	59.0	61.4	64.0	65.0	65.2	65.9	66.3	66.4	66.9	67.2	67.2	67.9	68.1	68.8	69.7
IV 8000	24.9	61.5	64.0	66.6	67.6	67.9	68.6	68.9	69.1	69.5	69.8	69.9	70.6	70.7	71.5	72.4
IV 7000	25.3	62.6	65.1	67.7	68.7	69.1	69.8	70.1	70.3	70.7	71.0	71.0	71.7	71.9	72.6	73.5
IV 6000	25.4	63.6	66.2	68.9	69.9	70.2	70.9	71.3	71.4	71.9	72.2	72.2	72.9	73.0	73.8	74.7
IV 5000	25.6	64.6	67.4	70.2	71.2	71.5	72.3	72.6	72.7	73.2	73.5	73.5	74.2	74.4	75.1	76.1
IV 4500	25.7	65.1	67.8	70.6	71.6	71.9	72.7	73.0	73.2	73.6	73.9	73.9	74.6	74.8	75.5	76.5
IV 4000	26.0	66.5	69.3	72.1	73.1	73.5	74.2	74.5	74.7	75.2	75.5	75.5	76.2	76.3	77.1	78.0
IV 3500	26.2	67.4	70.4	73.2	74.3	74.6	75.3	75.7	75.9	76.4	76.6	76.7	77.4	77.5	78.3	79.2
IV 3000	26.6	69.2	72.4	75.2	76.3	76.7	77.4	77.8	78.0	78.5	78.8	78.8	79.5	79.7	80.4	81.4
IV 2500	27.1	71.0	74.3	77.2	78.4	78.7	79.5	79.9	80.1	80.6	80.9	80.9	81.6	81.8	82.5	83.5
IV 2000	27.4	72.6	76.0	79.0	80.2	80.6	81.5	81.9	82.1	82.6	82.9	83.0	83.7	83.8	84.6	85.5
IV 1800	27.5	73.0	76.5	79.6	80.8	81.2	82.0	82.4	82.7	83.2	83.5	83.6	84.3	84.4	85.2	86.1
IV 1600	27.6	74.1	77.8	80.9	82.3	82.7	83.6	84.0	84.3	84.8	85.1	85.1	85.9	86.0	86.8	87.7
IV 1400	27.7	75.0	79.0	82.3	83.6	84.1	85.0	85.5	85.7	86.3	86.5	86.6	87.3	87.4	88.2	89.2
IV 1200	27.7	75.5	79.7	83.1	84.5	85.0	86.0	86.4	86.7	87.3	87.6	87.6	88.3	88.5	89.3	90.2
IV 1000	27.7	76.1	80.3	83.9	85.3	85.8	86.8	87.3	87.6	88.2	88.5	88.5	89.2	89.4	90.2	91.1
IV 900	27.7	76.3	80.7	84.3	85.9	86.4	87.6	88.0	88.3	88.9	89.2	89.2	89.9	90.1	90.9	91.8
IV 800	27.8	76.5	81.0	84.6	86.4	87.0	88.2	88.8	89.0	89.6	89.9	89.9	90.7	90.8	91.6	92.6
IV 700	27.8	76.8	81.4	85.1	86.9	87.5	88.9	89.5	89.8	90.4	90.7	90.8	91.5	91.6	92.4	93.4
IV 600	27.8	77.0	81.7	85.4	87.4	88.1	89.7	90.3	90.7	91.5	91.8	91.8	92.5	92.7	93.5	94.4
IV 500	27.8	77.1	81.9	85.6	87.7	88.4	90.2	91.0	91.5	92.3	92.7	92.7	93.5	93.6	94.4	95.4
IV 400	27.8	77.2	82.0	85.8	87.9	88.7	90.7	91.6	92.2	93.5	94.0	94.1	94.9	95.1	95.9	96.8
IV 300	27.8	77.2	82.0	85.9	88.0	88.7	90.8	91.8	92.4	94.2	94.8	94.9	95.8	96.1	97.0	98.0
IV 200	27.8	77.2	82.0	85.9	88.0	88.7	90.8	91.8	92.4	94.3	94.8	94.9	96.0	96.4	97.8	99.4
IV 100	27.8	77.2	82.0	85.9	88.0	88.7	90.8	91.8	92.4	94.3	94.8	94.9	96.0	96.4	97.8	99.4
IV 0	27.8	77.2	82.0	85.9	88.0	88.7	90.8	91.8	92.4	94.3	94.8	94.9	96.0	96.4	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5760



CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.G.V.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	19.9	48.4	51.3	53.9	55.0	55.2	55.8	55.9	56.0	56.9	56.9	56.9	56.9	57.5	57.5	58.1
≥ 18000	21.6	53.3	56.7	58.7	59.9	60.2	60.8	60.9	61.0	61.8	62.0	62.0	62.0	62.6	62.6	63.2
≥ 16000	21.6	53.3	56.7	58.7	59.9	60.2	60.8	60.9	61.0	61.8	62.0	62.0	62.0	62.6	62.6	63.2
≥ 14000	21.6	53.1	56.2	58.9	60.1	60.3	60.9	61.0	61.2	62.0	62.1	62.1	62.8	62.8	63.3	63.6
≥ 12000	21.8	54.3	57.4	60.1	61.3	61.6	62.1	62.2	62.4	63.2	63.3	63.3	64.0	64.0	64.5	64.8
≥ 10000	22.0	55.8	59.3	62.4	63.6	63.8	64.4	64.5	64.7	65.5	65.6	65.6	66.3	66.3	66.8	67.1
≥ 9000	22.0	56.2	59.7	62.8	64.0	64.2	64.8	64.9	65.1	65.9	66.0	66.0	66.7	66.7	67.2	67.5
≥ 8000	22.2	57.1	60.9	64.0	65.2	65.5	66.0	66.1	66.3	67.1	67.2	67.2	67.9	67.9	68.4	68.7
≥ 7000	22.2	58.2	62.0	65.1	66.3	66.5	67.1	67.2	67.3	68.1	68.3	68.3	69.0	69.0	69.5	69.8
≥ 6000	22.3	58.7	62.6	65.7	66.9	67.2	67.7	67.9	68.0	68.8	69.0	69.0	69.6	69.6	70.2	70.4
≥ 5000	22.7	60.9	64.8	68.1	69.4	69.6	70.2	70.3	70.4	71.2	71.4	71.4	72.0	72.0	72.6	72.8
≥ 4500	22.7	60.9	64.8	68.1	69.4	69.6	70.3	70.4	70.6	71.4	71.5	71.5	72.2	72.2	72.7	73.0
≥ 4000	22.7	62.2	66.3	69.8	71.0	71.2	71.9	72.0	72.2	73.0	73.1	73.1	73.8	73.8	74.3	74.6
≥ 3500	22.9	63.3	67.3	70.8	72.0	72.3	73.0	73.3	73.4	74.2	74.3	74.3	75.0	75.0	75.5	75.8
≥ 3000	23.1	66.4	70.7	74.2	75.4	75.7	76.3	76.6	76.7	77.6	77.7	77.7	78.4	78.4	78.9	79.2
≥ 2500	23.3	68.4	72.7	76.3	77.6	77.8	78.5	78.8	78.9	79.8	80.0	80.0	80.6	80.6	81.2	81.5
≥ 2000	23.5	69.1	73.7	77.4	78.6	78.9	79.6	79.8	80.0	81.0	81.2	81.2	81.9	81.9	82.4	82.7
≥ 1800	23.5	69.9	74.5	78.2	79.4	79.7	80.4	80.6	80.8	81.9	82.0	82.0	82.7	82.7	83.2	83.5
≥ 1500	23.5	71.9	76.6	80.5	81.7	82.1	82.8	83.1	83.2	84.3	84.4	84.4	85.1	85.1	85.6	85.9
≥ 1200	23.5	72.7	77.8	81.7	82.9	83.3	84.0	84.3	84.4	85.5	85.6	85.6	86.3	86.3	86.8	87.1
≥ 1000	23.5	73.1	78.6	82.5	83.7	84.1	84.8	85.1	85.2	86.3	86.4	86.4	87.1	87.1	87.6	87.9
≥ 900	23.5	73.7	79.2	83.5	84.7	85.1	85.9	86.2	86.3	87.4	87.5	87.5	88.2	88.2	88.7	89.0
≥ 800	23.5	73.9	79.4	84.0	85.2	85.6	86.4	86.7	86.8	87.9	88.0	88.0	88.7	88.7	89.2	89.5
≥ 700	23.5	74.1	80.0	84.8	86.0	86.4	87.2	87.5	87.8	88.8	89.0	89.0	89.7	89.7	90.2	90.5
≥ 600	23.5	74.1	80.1	85.1	86.3	86.7	87.5	87.8	88.2	89.2	89.4	89.4	90.1	90.1	90.6	90.9
≥ 500	23.5	74.3	80.8	86.2	87.5	87.9	88.7	89.4	90.1	91.1	91.3	91.3	91.9	91.9	92.5	92.7
≥ 400	23.5	74.5	81.0	86.7	88.2	88.8	89.7	90.3	91.4	92.6	92.9	92.9	93.5	93.5	94.1	94.4
≥ 300	23.5	75.0	81.6	87.2	89.0	89.7	90.6	91.3	92.3	93.7	94.0	94.0	94.8	94.8	95.3	95.6
≥ 200	23.5	75.0	81.6	87.2	89.1	89.8	90.7	91.5	92.6	94.2	94.5	94.5	95.3	95.4	96.4	96.6
≥ 100	23.5	75.0	81.6	87.2	89.1	89.8	90.7	91.5	92.6	94.2	94.9	94.9	95.8	96.0	97.6	98.7
≥ 0	23.5	75.0	81.6	87.2	89.1	89.8	90.7	91.5	92.6	94.2	94.9	94.9	95.8	96.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.5	46.6	48.7	50.9	51.3	51.3	52.7	53.0	53.4	54.0	54.2	54.2	55.5	55.6	56.7	57.0
≥ 2000	20.2	50.0	52.0	54.3	54.7	54.7	56.0	56.3	56.7	57.5	57.7	57.7	59.1	59.3	60.3	60.6
≥ 1800	20.2	50.0	52.0	54.3	54.7	54.7	56.0	56.3	56.7	57.5	57.7	57.7	59.1	59.3	60.3	60.6
≥ 1600	20.2	50.0	52.0	54.3	54.7	54.7	56.0	56.3	56.7	57.5	57.7	57.7	59.1	59.3	60.3	60.6
≥ 1400	20.2	50.0	52.0	54.3	54.7	54.7	56.0	56.3	56.7	57.5	57.7	57.7	59.1	59.3	60.3	60.6
≥ 1200	20.2	51.1	53.1	55.4	55.8	55.8	57.1	57.4	57.8	58.6	59.7	58.7	60.2	60.3	61.4	61.7
≥ 1000	20.4	52.8	54.8	57.1	57.5	57.5	58.9	59.1	59.5	60.3	60.5	60.5	62.0	62.1	63.3	63.6
≥ 900	20.4	53.1	55.2	57.5	57.9	57.9	59.3	59.5	59.9	60.8	60.9	60.9	62.4	62.5	63.7	64.0
≥ 800	20.4	54.0	56.5	58.9	59.3	59.3	60.6	60.9	61.3	62.1	62.2	62.2	63.7	63.8	65.1	65.3
≥ 700	20.4	54.4	57.0	59.4	59.8	59.8	61.2	61.4	61.8	62.6	62.8	62.8	64.2	64.4	65.6	65.9
≥ 600	20.4	55.2	57.9	60.3	60.8	60.8	62.1	62.4	62.8	63.6	63.7	63.7	65.2	65.3	66.5	66.8
≥ 500	20.4	56.7	59.5	62.0	62.4	62.4	63.7	64.0	64.4	65.2	65.3	65.3	66.8	66.9	68.1	68.4
≥ 450	20.6	57.0	59.8	62.2	62.6	62.6	64.0	64.2	64.7	65.5	65.6	65.6	67.1	67.2	68.4	68.7
≥ 400	20.6	58.7	61.6	64.4	64.8	64.8	66.1	66.4	66.8	67.6	67.7	67.7	69.2	69.4	70.6	70.8
≥ 350	20.6	59.9	62.9	66.0	66.5	66.5	68.0	68.3	68.7	69.5	69.6	69.6	71.1	71.2	72.4	72.7
≥ 300	20.6	61.6	64.9	68.1	68.7	68.7	70.2	70.4	70.8	71.6	71.8	71.8	73.3	73.4	74.6	74.9
≥ 250	20.6	64.0	67.5	70.7	71.4	71.4	72.8	73.1	73.5	74.3	74.5	74.5	75.9	76.1	77.3	77.6
≥ 200	20.6	65.1	69.0	72.3	73.1	73.3	74.7	75.0	75.4	76.2	76.3	76.3	77.8	78.0	79.2	79.4
≥ 180	20.8	65.6	69.5	72.8	73.8	73.9	75.4	75.7	76.1	76.9	77.0	77.0	78.5	78.6	79.8	80.1
≥ 150	21.1	66.5	70.7	74.2	75.3	75.4	76.9	77.2	77.6	78.4	78.5	78.5	80.0	80.1	81.3	81.6
≥ 120	21.1	68.3	72.4	75.9	77.0	77.2	78.6	78.9	79.3	80.1	80.2	80.2	81.7	81.9	83.1	83.3
≥ 100	21.1	68.8	73.3	76.6	77.7	77.8	79.3	79.6	80.0	80.8	80.9	80.9	82.4	82.5	83.7	84.0
≥ 90	21.1	69.2	73.4	77.0	78.1	79.2	79.7	80.0	80.4	81.2	81.3	81.3	82.8	82.9	84.1	84.4
≥ 80	21.1	69.8	74.1	78.0	79.0	79.2	80.6	80.9	81.3	82.1	82.3	82.3	83.7	83.9	85.1	85.3
≥ 70	21.1	70.3	74.9	79.4	80.5	80.6	82.1	82.4	82.8	83.6	83.7	83.7	85.2	85.3	86.6	86.8
≥ 60	21.1	70.8	75.9	80.5	81.6	82.1	83.6	83.9	84.4	85.2	85.3	85.3	86.8	87.0	88.2	88.4
≥ 50	21.1	71.0	76.7	81.6	82.7	83.2	84.7	84.9	85.5	86.3	86.4	86.4	87.9	88.3	89.2	89.5
≥ 40	21.1	71.2	77.2	82.5	83.9	84.8	86.3	86.6	87.8	88.6	89.0	89.0	90.5	90.6	91.8	92.1
≥ 30	21.1	71.4	77.3	82.9	84.4	85.6	87.4	87.6	89.0	89.9	90.3	90.3	91.9	92.1	93.3	93.5
≥ 20	21.1	71.4	77.3	82.9	84.4	85.6	87.6	87.9	89.5	90.9	91.4	91.4	93.1	93.3	94.8	95.0
≥ 10	21.1	71.4	77.3	82.9	84.4	85.6	87.6	87.9	89.5	91.0	91.5	91.5	93.5	93.7	96.8	98.4
≥ 0	21.1	71.4	77.3	82.9	84.4	85.6	87.6	87.9	89.5	91.0	91.5	91.5	93.5	93.7	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

2  
GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	16.1	47.9	43.3	45.7	46.5	46.6	47.8	48.3	48.3	46.5	48.5	48.5	49.3	49.5	50.0	50.4
≥ 20000	17.6	45.3	47.8	50.5	51.5	51.6	52.8	53.2	53.2	53.5	53.5	53.5	54.3	54.4	55.0	55.4
≥ 18000	17.6	45.3	47.8	50.5	51.5	51.6	52.8	53.2	53.2	53.5	53.5	53.5	54.3	54.4	55.0	55.4
≥ 16000	17.6	45.3	47.8	50.5	51.5	51.6	52.8	53.2	53.2	53.5	53.5	53.5	54.3	54.4	55.0	55.4
≥ 14000	17.6	45.3	47.8	50.7	51.6	51.7	53.0	53.4	53.4	53.6	53.6	53.6	54.4	54.6	55.1	55.5
≥ 12000	17.7	46.5	49.2	52.2	53.1	53.2	54.4	54.8	54.8	55.1	55.1	55.1	55.9	56.0	56.6	57.0
≥ 10000	17.7	48.5	51.5	54.8	55.8	55.9	57.1	57.5	57.5	57.9	57.9	57.9	58.7	58.9	59.4	59.8
≥ 9000	17.3	49.3	52.3	55.6	56.6	56.7	57.9	58.3	58.3	58.7	58.7	58.7	59.5	59.7	60.2	60.6
≥ 8000	18.1	51.1	54.0	57.4	58.3	58.6	59.8	60.2	60.2	60.6	60.6	60.6	61.4	61.6	62.1	62.5
≥ 7000	18.3	52.0	55.0	58.5	59.4	59.7	60.9	61.3	61.3	61.8	61.8	61.8	62.6	62.8	63.3	63.7
≥ 6000	18.4	52.8	55.8	59.3	60.2	60.5	61.7	62.1	62.1	62.6	62.6	62.6	63.4	63.6	64.1	64.5
≥ 5000	18.4	54.3	57.3	60.8	61.7	62.0	63.2	63.6	63.6	64.1	64.1	64.1	64.9	65.1	65.6	66.0
≥ 4500	18.4	54.3	57.4	60.9	61.8	62.1	63.3	63.7	63.7	64.2	64.2	64.2	65.1	65.2	65.7	66.1
≥ 4000	18.4	55.4	58.6	62.1	63.3	63.6	64.9	65.6	65.7	66.3	66.3	66.3	67.2	67.5	68.0	68.4
≥ 3500	18.7	56.2	59.5	63.7	65.1	65.3	66.7	67.3	67.5	68.0	68.0	68.0	69.0	69.2	69.8	70.2
≥ 3000	19.0	57.0	60.6	64.9	66.3	66.5	67.9	68.5	68.7	69.2	69.2	69.2	70.2	70.4	71.0	71.4
≥ 2500	19.0	58.3	62.0	66.4	67.7	68.0	69.4	70.0	70.2	70.7	70.7	70.7	71.6	71.9	72.4	72.8
≥ 2000	19.4	60.3	64.2	69.1	70.4	70.7	72.2	72.8	73.0	73.5	73.5	73.5	74.5	74.7	75.3	75.7
≥ 1800	19.4	60.8	64.7	69.5	71.0	71.2	72.7	73.4	73.5	74.2	74.2	74.2	75.1	75.4	75.9	76.3
≥ 1500	19.5	61.6	65.5	70.3	71.9	72.3	73.8	74.5	74.6	75.3	75.3	75.3	76.2	76.5	77.0	77.4
≥ 1200	19.8	62.9	67.2	72.2	73.9	74.3	75.8	76.5	76.6	77.3	77.3	77.3	78.2	78.5	79.0	79.4
≥ 1000	20.0	64.2	68.7	73.8	75.9	76.3	77.8	78.5	78.8	79.4	79.4	79.4	80.4	80.6	81.2	81.6
≥ 900	20.2	65.2	69.8	75.0	77.2	77.6	79.0	79.7	80.0	80.6	80.6	80.6	81.6	81.9	82.4	82.8
≥ 800	20.2	66.1	71.2	76.6	78.8	79.2	80.6	81.3	81.6	82.3	82.3	82.3	83.2	83.5	84.0	84.4
≥ 700	20.2	66.3	71.5	76.9	79.0	79.4	81.0	81.7	82.0	82.7	82.7	82.7	83.6	83.9	84.4	84.8
≥ 600	20.4	66.5	71.9	77.7	79.8	80.5	82.1	82.8	83.1	84.0	84.0	84.0	84.9	85.2	85.8	86.2
≥ 500	20.4	67.2	72.7	78.8	80.9	81.7	83.6	84.3	84.5	85.5	85.5	85.5	86.4	86.7	87.2	87.6
≥ 400	20.4	67.9	73.4	80.4	83.1	84.1	86.0	86.7	87.4	88.3	88.4	88.4	89.4	89.7	90.2	90.6
≥ 300	20.4	68.0	73.5	80.6	83.3	84.7	86.7	87.4	88.4	89.5	89.7	89.7	90.7	91.0	91.5	91.9
≥ 200	20.4	68.0	73.5	80.6	83.3	84.7	86.7	87.5	88.8	90.2	90.5	90.5	92.2	92.5	93.8	94.6
≥ 100	20.4	68.0	73.5	80.6	83.3	84.7	86.7	87.5	88.8	90.2	90.6	90.6	92.5	92.7	95.4	97.3
≥ 0	20.4	68.0	73.5	80.6	83.3	84.7	86.7	87.5	88.8	90.2	90.6	90.6	92.5	92.7	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

CLIPAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	12.3	46.4	47.7	48.5	48.8	48.9	49.5	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥2000	24.4	53.2	54.8	55.6	56.2	56.3	56.9	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥1800	24.7	53.2	54.8	55.6	56.2	56.3	56.9	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥1600	24.9	53.2	54.8	55.6	56.2	56.3	56.9	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥1400	24.9	53.2	54.8	55.6	56.2	56.3	56.9	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥1200	25.7	55.4	57.1	57.8	58.3	58.5	59.1	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥1000	25.9	56.9	58.5	59.4	59.9	60.1	60.9	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.6
≥900	25.9	57.4	59.1	60.1	60.6	60.8	61.6	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥800	25.9	59.0	60.9	61.8	62.5	62.6	63.4	63.6	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥700	26.3	60.5	62.4	63.6	64.4	64.5	65.3	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥600	26.6	61.6	63.4	64.7	65.5	65.6	66.4	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.1
≥500	26.7	63.0	65.1	66.4	67.2	67.3	68.1	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥450	26.7	63.2	65.2	66.5	67.3	67.5	68.3	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	69.0
≥400	26.9	64.8	66.8	68.3	69.1	69.2	70.2	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.8	70.8
≥350	27.3	64.9	67.3	68.8	69.8	69.9	71.0	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥300	27.4	66.5	69.2	70.7	71.6	71.8	72.8	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥250	27.7	67.3	70.3	71.8	72.7	72.8	73.9	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥200	27.7	68.5	71.8	73.4	74.3	74.5	75.8	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥180	29.1	69.4	72.7	74.3	75.3	75.4	76.7	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥150	29.7	70.8	74.5	76.2	77.2	77.3	78.6	79.0	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥120	29.8	72.7	76.6	78.6	79.6	79.7	81.2	81.6	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥100	29.7	74.6	78.6	81.0	82.1	82.7	84.3	84.7	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.9
≥90	29.7	75.1	79.7	82.4	83.5	84.1	85.8	86.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.4
≥80	29.7	75.4	80.2	83.1	84.1	84.8	86.6	87.0	87.5	87.9	87.9	87.9	87.9	87.9	87.9	88.2
≥70	29.7	76.1	81.0	83.9	84.9	85.6	87.4	87.8	88.3	88.7	88.7	88.7	88.7	88.7	88.7	89.0
≥60	29.7	76.1	81.0	84.0	85.1	86.0	87.9	88.4	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.7
≥50	29.7	77.0	82.0	85.5	86.7	88.2	90.3	91.1	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.5
≥40	29.7	77.3	82.7	86.3	87.9	90.2	92.6	93.7	94.5	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥300	29.7	77.3	82.7	86.6	88.3	90.7	93.3	94.6	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.8
≥200	29.7	77.3	82.7	86.7	88.4	90.9	93.4	94.8	96.1	97.0	97.2	97.2	97.2	97.2	97.8	98.3
≥100	29.7	77.3	82.7	86.7	88.4	90.9	93.4	94.8	96.1	97.0	97.2	97.2	97.2	98.0	98.0	98.5
≥0	29.7	77.3	82.7	86.7	88.4	90.9	93.4	94.8	96.1	97.0	97.2	97.2	97.2	98.0	98.0	98.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AL WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 89

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING ≥ 20000	27.1	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	29.3	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	29.8	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	30.1	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	30.9	57.5	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	32.0	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	32.1	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	32.3	64.2	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	32.9	64.9	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	32.9	65.2	66.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	33.0	66.1	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	33.9	66.4	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	34.1	67.9	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3500	34.4	69.1	71.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	35.2	72.4	73.9	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	36.0	74.6	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	36.4	77.7	79.4	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	36.3	79.2	80.9	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	37.6	82.0	84.1	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	38.3	84.4	87.1	87.9	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	38.3	86.2	88.8	90.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	38.3	87.4	90.3	91.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	38.3	87.6	90.6	92.2	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	38.3	88.2	91.1	92.9	94.1	94.1	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	38.3	88.2	91.3	93.4	94.8	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	38.3	88.3	91.4	93.8	95.3	96.0	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	38.3	88.3	91.4	93.8	95.3	96.0	96.6	97.3	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	38.3	88.3	91.4	93.8	95.3	96.1	96.9	97.7	98.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	38.3	88.3	91.4	93.8	95.3	96.1	96.9	97.7	98.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	38.3	88.3	91.4	93.8	95.3	96.1	96.9	97.7	98.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	38.3	88.3	91.4	93.8	95.3	96.1	96.9	97.7	98.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1973-1980  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING ≥ 20000	28.9	50.0	50.7	50.5	60.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	33.7	59.4	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	33.7	59.4	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	34.5	60.2	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	34.5	61.4	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	36.2	64.7	65.2	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	36.2	65.2	65.7	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 8000	37.2	67.6	68.3	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	37.6	68.7	69.4	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	37.8	69.2	69.9	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	38.3	71.4	72.3	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	39.1	72.7	73.7	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	39.5	74.5	76.2	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	39.7	75.8	77.2	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	40.3	77.2	80.6	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	40.3	80.5	82.4	83.5	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	40.5	81.9	83.7	84.9	85.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	41.1	82.7	84.7	85.9	86.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	41.5	84.1	86.4	87.6	87.8	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	41.7	85.9	88.6	89.8	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	41.7	87.1	90.2	91.8	92.2	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	41.7	87.6	91.7	92.5	93.1	93.4	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	41.7	87.9	91.1	93.0	94.0	94.2	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	41.7	87.9	91.1	93.3	94.4	94.6	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	41.7	87.9	91.3	93.4	94.5	95.0	95.6	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	41.7	87.9	91.3	93.5	94.6	95.2	96.1	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	41.7	87.9	91.3	93.5	94.6	95.3	96.2	97.2	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	41.7	87.9	91.3	93.5	94.6	95.3	96.5	97.4	98.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6
≥ 200	41.7	87.9	91.3	93.5	94.6	95.3	96.5	97.4	98.1	99.3	99.5	99.5	99.5	99.7	99.9	100.0
≥ 100	41.7	87.9	91.3	93.5	94.6	95.3	96.5	97.4	98.1	99.3	99.5	99.5	99.5	99.7	99.9	100.0
≥ 0	41.7	87.9	91.3	93.5	94.6	95.3	96.5	97.4	98.1	99.3	99.5	99.5	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 740

1  
2  
FEDERAL CLIMATOLOGY BRANCH  
WETLAC  
A WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	25.5	52.4	53.1	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 2000	30.1	54.5	62.5	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 1800	37.1	54.5	67.5	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 1600	30.1	54.5	67.5	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 1400	30.5	60.1	61.7	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1200	31.0	61.2	62.1	62.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1000	31.5	64.5	65.6	65.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 900	31.5	64.8	65.9	66.4	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 800	32.0	67.1	68.1	68.7	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 700	32.4	68.4	69.6	70.2	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 600	32.8	70.2	71.5	72.0	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 500	34.1	72.7	74.1	74.6	75.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 450	34.4	73.4	74.7	75.3	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 400	34.9	75.1	76.7	77.3	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 350	35.3	76.2	77.8	78.4	79.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 300	36.1	77.6	79.6	80.2	80.8	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 250	36.2	79.6	80.8	81.6	82.3	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 200	36.3	79.6	81.7	82.5	83.2	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 180	36.3	80.2	82.4	83.3	84.0	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 150	36.4	82.0	84.7	85.6	86.3	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 120	37.0	82.7	85.3	86.6	87.2	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 100	37.2	84.0	86.7	88.0	88.7	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 90	37.4	84.5	87.4	89.0	89.8	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 80	37.4	85.8	88.7	90.5	91.4	92.1	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
≥ 70	37.4	85.9	89.1	91.4	92.3	93.0	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0
≥ 60	37.4	86.3	89.5	91.8	92.9	93.5	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 50	37.4	86.8	90.1	92.6	93.7	94.8	95.7	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 40	37.4	87.0	90.3	92.9	94.1	95.4	96.5	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 30	37.4	87.0	90.3	92.9	94.1	95.4	96.9	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.4
≥ 20	37.4	87.0	90.3	92.9	94.1	95.4	96.9	97.4	98.1	98.5	98.8	98.8	98.8	98.9	98.9	99.2
≥ 10	37.4	87.0	90.3	92.9	94.1	95.4	96.9	97.4	98.1	98.5	98.8	98.8	99.1	99.1	99.3	99.5
≥ 0	37.4	87.0	90.3	92.9	94.1	95.4	96.9	97.4	98.1	98.5	98.8	98.8	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1989

JACKSONVILLE FL

73-80

DLC

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	24.2	54.2	55.8	56.5	56.6	57.1	57.5	57.7	57.7	58.1	58.3	58.3	58.7	58.7	58.7	58.7
≥ 2000	26.1	59.1	61.8	61.4	61.6	62.1	62.5	62.9	62.9	63.3	63.6	63.6	64.0	64.0	64.0	64.0
≥ 1800	26.1	59.1	60.8	61.4	61.6	62.1	62.5	62.9	62.9	63.3	63.6	63.6	64.0	64.0	64.0	64.0
≥ 1600	26.1	59.1	60.8	61.4	61.6	62.1	62.5	62.9	62.9	63.3	63.6	63.6	64.0	64.0	64.0	64.0
≥ 1400	26.1	59.1	60.8	61.4	61.6	62.1	62.5	62.9	62.9	63.3	63.6	63.6	64.0	64.0	64.0	64.0
≥ 1200	26.1	59.5	61.2	61.8	62.0	62.5	62.9	63.3	63.3	63.7	64.0	64.0	64.4	64.4	64.4	64.4
≥ 1000	27.0	61.7	63.3	64.2	64.4	64.9	65.3	65.7	65.7	66.1	66.4	66.4	66.8	66.8	66.8	66.8
≥ 900	27.0	61.7	63.3	64.2	64.4	64.9	65.3	65.7	65.7	66.1	66.4	66.4	66.8	66.8	66.8	66.8
≥ 800	27.3	63.7	65.5	66.5	66.7	67.2	67.7	68.1	68.1	68.5	68.8	68.8	69.2	69.2	69.2	69.2
≥ 700	27.3	66.0	68.0	69.1	69.2	69.8	70.3	70.7	70.7	71.1	71.4	71.4	71.8	71.8	71.8	71.8
≥ 600	27.8	67.5	69.5	70.6	70.7	71.2	71.8	72.2	72.2	72.6	72.8	72.8	73.3	73.3	73.3	73.3
≥ 500	28.5	70.2	72.2	73.3	73.4	73.9	74.5	74.9	74.9	75.3	75.5	75.5	75.9	75.9	75.9	75.9
≥ 4500	28.5	70.3	72.3	73.5	73.7	74.2	74.7	75.1	75.1	75.5	75.9	75.8	76.2	76.2	76.2	76.2
≥ 4000	29.2	71.9	73.9	75.1	75.3	75.8	76.3	76.7	76.7	77.2	77.4	77.4	77.8	77.8	77.8	77.8
≥ 3500	29.3	72.7	74.9	76.1	76.2	76.7	77.3	77.7	77.7	78.1	78.4	78.4	78.8	78.8	78.8	78.8
≥ 3000	29.8	74.6	77.0	78.2	78.5	79.0	79.6	80.0	80.0	80.4	80.6	80.6	81.0	81.0	81.0	81.0
≥ 2500	30.0	76.5	78.9	80.1	80.4	80.9	81.5	81.9	81.9	82.3	82.5	82.5	82.9	82.9	82.9	82.9
≥ 2000	30.4	77.7	80.1	81.5	81.9	82.4	82.9	83.3	83.3	83.7	84.1	84.1	84.4	84.4	84.4	84.4
≥ 1800	30.5	78.4	80.8	82.1	82.5	83.1	83.6	84.0	84.0	84.4	84.7	84.7	85.1	85.1	85.1	85.1
≥ 1500	30.6	80.6	83.5	84.8	85.3	85.9	86.4	86.8	86.8	87.2	87.5	87.5	87.9	87.9	87.9	87.9
≥ 1200	30.9	81.3	84.1	85.6	86.2	86.7	87.2	87.6	87.6	88.0	88.3	88.3	88.7	88.7	88.7	88.7
≥ 1000	31.0	81.9	84.9	86.4	87.0	87.5	88.0	88.4	88.4	88.8	89.1	89.1	89.5	89.5	89.5	89.5
≥ 900	31.1	82.0	85.1	87.0	87.5	88.0	88.6	89.0	89.0	89.4	89.7	89.7	90.1	90.1	90.1	90.1
≥ 800	31.2	82.4	85.6	87.5	88.2	88.7	89.2	89.7	89.7	90.1	90.3	90.3	90.7	90.7	90.7	90.7
≥ 700	31.2	82.7	86.2	88.4	89.2	89.9	90.5	90.9	90.9	91.3	91.5	91.5	91.9	91.9	91.9	91.9
≥ 600	31.2	82.9	86.4	89.1	90.2	90.9	91.4	91.8	92.1	92.5	92.7	92.7	93.1	93.1	93.1	93.1
≥ 500	31.3	83.3	87.0	89.8	90.9	91.5	92.1	92.5	92.9	93.4	93.8	93.8	94.2	94.2	94.2	94.2
≥ 400	31.3	83.7	87.4	90.3	91.5	92.5	93.3	93.7	94.1	94.6	95.0	95.0	95.4	95.4	95.4	95.4
≥ 300	31.3	83.9	87.6	90.6	91.9	93.1	94.2	94.8	95.2	95.8	96.2	96.2	96.6	96.6	96.6	96.6
≥ 200	31.3	83.9	87.6	90.6	91.9	93.1	94.2	94.8	95.3	96.2	96.8	96.8	97.3	97.3	97.6	97.6
≥ 100	31.3	83.9	87.6	90.6	91.9	93.1	94.2	94.8	95.3	96.2	96.8	96.8	97.8	97.8	98.8	99.1
≥ 0	31.3	83.9	87.6	90.6	91.9	93.1	94.2	94.8	95.3	96.2	96.8	96.8	97.8	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744



CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17 89

JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	23.0	48.3	49.7	50.9	51.3	51.5	52.0	52.1	52.2	52.5	52.5	52.5	52.9	53.0	57.3	53.4
≥ 20000	25.5	54.4	56.0	57.3	57.7	57.9	58.4	58.5	58.6	58.9	59.0	59.0	59.4	59.5	59.7	59.9
≥ 18000	25.5	54.4	56.0	57.3	57.7	57.9	58.4	58.5	58.6	58.9	59.0	59.0	59.4	59.5	59.7	59.9
≥ 16000	25.5	54.4	56.0	57.3	57.7	57.9	58.4	58.5	58.6	58.9	59.0	59.0	59.4	59.5	59.7	59.9
≥ 14000	25.7	54.6	56.2	57.5	57.9	58.1	58.6	58.8	58.9	59.2	59.2	59.2	59.7	59.7	60.0	60.1
≥ 12000	26.0	55.9	57.5	58.8	59.2	59.4	59.9	60.1	60.2	60.5	60.6	60.6	61.0	61.0	61.3	61.4
≥ 10000	26.6	58.2	60.0	61.4	61.9	62.0	62.6	62.8	62.9	63.2	63.3	63.3	63.7	63.7	64.0	64.1
≥ 9000	26.6	58.7	60.4	61.9	62.3	62.5	63.0	63.2	63.3	63.6	63.7	63.7	64.1	64.1	64.4	64.6
≥ 8000	27.0	60.5	62.4	63.9	64.4	64.6	65.2	65.3	65.4	65.7	65.9	65.8	66.2	66.3	66.6	66.7
≥ 7000	27.2	61.6	63.6	65.2	65.7	65.9	66.5	66.6	66.7	67.1	67.1	67.1	67.6	67.6	67.9	68.0
≥ 6000	27.4	62.6	64.6	66.2	66.7	66.9	67.4	67.6	67.7	68.0	68.1	68.1	68.5	68.6	68.9	69.0
≥ 5000	27.9	64.4	66.5	68.2	68.7	68.9	69.5	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.9	71.0
≥ 4500	28.0	64.8	66.9	68.6	69.1	69.3	69.9	70.1	70.2	70.5	70.6	70.6	71.0	71.0	71.3	71.5
≥ 4000	28.3	66.4	68.6	70.4	71.0	71.2	71.9	72.1	72.2	72.5	72.6	72.6	73.0	73.1	73.4	73.5
≥ 3500	28.5	67.3	69.6	71.5	72.2	72.4	73.1	73.3	73.4	73.8	73.8	73.8	74.3	74.3	74.6	74.7
≥ 3000	28.9	69.4	72.1	74.1	74.7	74.9	75.6	75.9	76.0	76.3	76.4	76.4	76.8	76.9	77.2	77.3
≥ 2500	29.1	71.0	73.8	75.9	76.5	76.8	77.5	77.7	77.8	78.2	78.3	78.3	78.7	78.7	79.0	79.2
≥ 2000	29.4	72.5	75.5	77.6	78.4	78.6	79.4	79.7	79.8	80.2	80.2	80.2	80.7	80.7	81.0	81.1
≥ 1800	29.6	73.3	76.3	78.5	79.3	79.5	80.3	80.5	80.6	81.0	81.1	81.1	81.6	81.6	81.9	82.0
≥ 1500	30.0	74.9	78.2	80.5	81.4	81.7	82.5	82.7	82.9	83.3	83.4	83.4	83.8	83.8	84.1	84.3
≥ 1200	30.2	76.4	79.9	82.3	83.2	83.5	84.4	84.6	84.8	85.2	85.2	85.2	85.7	85.7	86.0	86.2
≥ 1000	30.3	77.5	81.2	83.8	84.8	85.2	86.1	86.3	86.5	86.9	87.0	87.0	87.4	87.5	87.8	87.9
≥ 900	30.4	78.1	81.9	84.7	85.8	86.2	87.1	87.4	87.6	88.0	88.1	88.1	88.5	88.5	88.8	89.0
≥ 800	30.4	78.6	82.6	85.6	86.8	87.1	88.0	88.3	88.5	89.0	89.0	89.0	89.5	89.5	89.8	90.0
≥ 700	30.4	78.9	83.1	86.4	87.6	88.0	88.9	89.2	89.4	89.9	89.9	89.9	90.4	90.4	90.7	90.9
≥ 600	30.4	79.1	83.4	86.9	88.1	88.7	89.7	90.0	90.3	90.8	90.9	90.9	91.3	91.4	91.7	91.8
≥ 500	30.4	79.5	84.0	87.7	89.0	89.8	91.0	91.4	91.8	92.4	92.5	92.5	93.0	93.0	93.3	93.5
≥ 400	30.4	79.7	84.3	88.3	89.8	90.9	92.2	92.8	93.5	94.2	94.3	94.3	94.8	94.8	95.1	95.3
≥ 300	30.4	79.8	84.5	88.5	90.1	91.3	92.8	93.5	94.3	95.2	95.4	95.4	96.0	96.0	96.4	96.5
≥ 200	30.4	79.8	84.5	88.5	90.2	91.4	92.9	93.6	94.6	95.7	96.0	96.0	96.8	96.8	97.4	97.7
≥ 100	30.4	79.8	84.5	88.5	90.2	91.4	92.9	93.6	94.6	95.8	96.1	96.1	97.0	97.1	98.3	99.0
≥ 0	30.4	79.8	84.5	88.5	90.2	91.4	92.9	93.6	94.6	95.8	96.1	96.1	97.0	97.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-89

JACKSONVILLE FL

73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	17.3	49.0	51.8	53.7	54.4	54.7	55.2	55.4	55.5	55.8	55.9	55.9	56.1	56.1	56.4	56.6
≥ 20000	20.1	59.1	62.4	64.7	65.6	65.9	66.5	66.7	66.8	67.1	67.2	67.2	67.5	67.5	67.8	68.0
≥ 18000	20.1	59.1	62.4	64.7	65.6	65.9	66.5	66.7	66.8	67.1	67.2	67.2	67.5	67.5	67.8	68.0
≥ 16000	20.1	59.1	62.5	64.8	65.7	66.0	66.5	66.8	66.9	67.2	67.3	67.3	67.5	67.6	67.9	68.1
≥ 14000	20.2	59.4	62.8	65.1	66.0	66.3	66.9	67.1	67.2	67.5	67.6	67.6	67.9	67.9	68.2	68.4
≥ 12000	20.7	60.8	64.2	66.6	67.5	67.8	68.4	68.6	68.8	69.0	69.2	69.2	69.4	69.5	69.8	70.0
≥ 10000	21.3	64.0	67.7	70.2	71.2	71.5	72.2	72.4	72.5	72.8	72.9	72.9	73.2	73.2	73.5	73.8
≥ 9000	21.1	64.4	68.2	70.7	71.7	72.1	72.7	73.0	73.1	73.4	73.5	73.5	73.8	73.8	74.1	74.3
≥ 8000	21.5	66.4	70.4	73.0	74.1	74.4	75.1	75.4	75.5	75.8	75.9	75.9	76.2	76.2	76.5	76.7
≥ 7000	21.4	67.1	71.1	73.8	74.8	75.2	75.9	76.1	76.3	76.6	76.7	76.7	77.0	77.0	77.3	77.5
≥ 6000	21.3	67.7	71.8	74.4	75.5	75.9	76.6	76.8	77.0	77.3	77.4	77.4	77.7	77.7	78.0	78.2
≥ 5000	21.9	68.8	72.9	75.6	76.7	77.1	77.8	78.1	78.2	78.5	78.7	78.7	78.9	79.0	79.3	79.5
≥ 4500	22.0	69.1	73.3	76.0	77.2	77.6	78.3	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.7	79.9
≥ 4000	22.3	70.6	74.9	77.7	78.8	79.2	80.0	80.2	80.4	80.7	80.8	80.8	81.1	81.1	81.4	81.6
≥ 3500	22.7	71.8	76.2	79.1	80.3	80.7	81.4	81.7	81.9	82.2	82.3	82.3	82.6	82.6	82.9	83.2
≥ 3000	23.2	73.8	78.4	81.4	82.6	83.0	83.8	84.1	84.2	84.6	84.7	84.7	85.0	85.0	85.3	85.5
≥ 2500	23.6	75.8	80.5	83.6	84.9	85.3	86.1	86.4	86.6	86.9	87.0	87.0	87.3	87.4	87.7	87.9
≥ 2000	23.9	77.3	82.2	85.4	86.7	87.2	88.0	88.3	88.5	88.9	89.0	89.0	89.3	89.3	89.6	89.9
≥ 1800	23.9	77.9	82.8	86.1	87.4	87.9	88.7	89.0	89.2	89.6	89.7	89.7	90.0	90.1	90.3	90.6
≥ 1500	24.1	79.0	84.1	87.4	88.8	89.3	90.2	90.6	90.7	91.1	91.3	91.3	91.6	91.6	91.9	92.1
≥ 1200	24.1	79.7	85.0	88.4	89.8	90.3	91.3	91.6	91.8	92.2	92.4	92.4	92.7	92.7	93.0	93.2
≥ 1000	24.2	80.2	85.5	89.0	90.5	91.1	92.1	92.4	92.6	93.1	93.2	93.2	93.5	93.5	93.8	94.1
≥ 900	24.2	80.5	85.9	89.5	91.0	91.6	92.6	93.0	93.2	93.6	93.8	93.8	94.1	94.1	94.4	94.6
≥ 800	24.2	80.7	86.1	89.8	91.4	92.0	93.0	93.4	93.7	94.1	94.2	94.3	94.6	94.6	94.9	95.1
≥ 700	24.2	80.8	86.4	90.1	91.7	92.3	93.5	93.9	94.1	94.6	94.7	94.7	95.0	95.1	95.4	95.6
≥ 600	24.2	81.0	86.6	90.4	92.1	92.7	93.9	94.4	94.6	95.1	95.3	95.3	95.6	95.6	95.9	96.2
≥ 500	24.2	81.2	86.8	90.8	92.5	93.2	94.5	95.1	95.3	95.9	96.0	96.1	96.4	96.4	96.7	97.0
≥ 400	24.2	81.2	87.0	91.1	92.9	93.6	95.0	95.6	96.0	96.7	96.8	96.8	97.2	97.2	97.5	97.8
≥ 300	24.2	81.3	87.0	91.1	93.0	93.8	95.3	96.0	96.4	97.2	97.4	97.4	97.8	97.9	98.2	98.4
≥ 200	24.2	81.3	87.1	91.2	93.0	93.8	95.4	96.1	96.5	97.5	97.8	97.8	98.3	98.4	98.8	99.0
≥ 100	24.2	81.3	87.1	91.2	93.0	93.8	95.4	96.1	96.5	97.5	97.8	97.8	98.4	98.5	99.1	99.6
≥ 0	24.2	81.3	87.1	91.2	93.0	93.8	95.4	96.1	96.5	97.5	97.8	97.8	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 70122

## PART D

## SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

- 1/10 and 4/10 into the 3/10 (scattered) category
- 5/10, 6/10 and 8/10 into the 9/10 (broken) category
- 0/10 is the clear category
- 10/10 is the overcast category

7389 JACKSONVILLE FL

74-81

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	34.2			15.8						12.3	33.7	5.0	726
	03-05	37.1			13.6						12.0	37.3	5.2	723
	06-08	29.3			14.9						16.6	39.2	5.9	730
	09-11	24.6			17.0						20.5	37.8	6.1	740
	12-14	22.2			18.7						28.2	30.9	6.2	744
	15-17	24.5			18.8						23.9	32.8	6.0	744
	18-20	29.5			20.3						21.3	29.9	5.5	743
	21-23	35.8			17.2						13.4	33.6	5.1	732
TOTALS		30.0			17.0						18.5	34.4	5.6	5882

2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

## SKY COVER

13-89 JACKSONVILLE FL

74-81

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	0-02	45.5			14.5						11.7	28.2	4.3	674
	03-05	42.3			12.2						12.2	33.4	4.8	665
	06-08	29.6			19.5						14.6	36.4	5.5	673
	09-11	29.7			15.0						22.3	33.0	5.8	673
	12-14	26.4			20.8						24.0	28.8	5.7	678
	15-17	28.2			18.8						20.5	32.5	5.7	677
	18-20	34.3			19.2						17.3	29.2	5.1	677
	21-23	45.0			15.7						11.1	28.3	4.3	676
TOTALS		35.1			17.0						16.7	31.2	5.2	5393

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

MAR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	37.5			18.4						16.2	26.0	4.6	735
	03-05	32.3			21.3						16.7	29.7	5.1	731
	06-08	24.7			21.1						19.8	34.5	5.9	734
	09-11	24.8			19.1						22.9	33.2	6.0	743
	12-14	16.5			23.4						28.2	31.9	6.4	744
	15-17	18.5			19.6						28.8	33.1	6.5	744
	18-20	22.4			23.0						26.7	27.8	5.9	744
	21-23	34.3			23.1						18.5	24.1	4.8	744
TOTALS		26.6			21.1						22.2	30.0	5.7	5919

2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

# SKY COVER

17-89 JACKSONVILLE FL

74-81

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	47.3			13.1						15.9	18.7	3.8	711
	03-05	45.8			18.3						13.8	22.2	4.0	695
	06-08	35.2			19.7						20.5	24.6	4.9	699
	09-11	31.1			24.6						25.6	18.8	4.9	720
	12-14	21.0			29.7						30.1	18.2	5.4	720
	15-17	23.3			30.0						26.3	20.4	5.3	720
	18-20	28.2			25.4						23.3	23.1	5.2	720
	21-23	43.6			20.5						16.9	19.1	4.0	718
TOTALS		34.6			23.3						21.6	20.6	4.7	5703

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

## SKY COVER

1989 JACKSONVILLE FL

74-81

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	38.5			20.8						19.7	21.0	4.5	735
	03-05	34.6			22.1						20.8	22.4	4.8	710
	06-08	23.5			20.2						27.2	29.1	6.0	728
	09-11	14.8			31.2						31.7	22.3	6.0	744
	12-14	17.3			30.4						37.9	21.4	6.5	744
	15-17	14.8			30.0						28.4	26.9	6.1	744
	18-20	18.9			26.7						25.5	29.0	6.0	742
	21-23	30.2			23.4						22.6	23.8	5.1	739
TOTALS		23.2			25.6						26.7	24.5	5.6	5686

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## SKY COVER

1989 JACKSONVILLE FL

73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	27.2			26.6						20.6	23.5	5.0	718
	3-05	26.6			33.3						23.9	16.3	4.8	700
	06-08	17.0			29.9						34.9	19.1	5.9	716
	09-11	12.4			32.4						38.9	16.4	6.1	720
	12-14	4.2			34.9						42.4	18.5	6.7	719
	15-17	5.4			33.8						32.6	28.2	6.8	720
	18-20	8.9			24.4						32.2	34.4	7.1	720
	21-23	17.9			23.8						26.4	31.9	6.3	720
TOTALS		15.2			29.8						31.5	23.5	6.1	5733

USAFETAC

FORM  
JUL 84

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2  
 METEOROLOGICAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SKY COVER

17589 JACKSONVILLE FL

73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	28.0			30.8						21.8	19.4	4.8	743
	03-05	29.7			35.6						21.7	12.9	4.3	727
	06-08	14.1			31.7						37.5	16.7	6.0	738
	09-11	11.8			33.5						41.6	13.1	6.1	743
	12-14	1.6			35.8						46.6	16.0	6.9	744
	15-17	2.7			35.2						35.8	26.3	6.9	744
	18-20	7.0			27.0						29.4	36.6	7.1	744
	21-23	16.5			27.2						25.5	30.8	6.2	744
TOTALS		13.9			32.1						32.5	21.5	6.0	5927

USAFETAC

FORM  
 JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# SKY COVER

17489 JACKSONVILLE FL

73-80

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	32.7			29.2						22.9	15.2	4.5	739
	03-05	32.4			30.7						19.7	10.1	3.7	720
	06-08	15.9			41.9						30.9	11.4	5.2	731
	09-11	8.7			36.0						44.5	10.8	6.2	744
	12-14	.1			34.9						51.9	13.0	7.0	744
	15-17	4.0			34.4						37.2	24.3	6.8	744
	18-20	9.1			28.9						32.1	29.8	6.7	744
	21-23	19.5			28.2						28.0	24.3	5.8	742
TOTALS		16.2			33.0						33.4	17.4	5.7	5908

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

3FP

M. N. H.

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
	10-32	27.2			28.2						20.4	24.3	5.1	717
	3-25	28.9			34.3						18.3	18.5	4.5	703
	4-28	15.8			35.1						27.4	21.7	5.7	704
	5-11	5.3			29.2						42.0	26.4	6.7	719
	12-14	1.9			26.0						48.2	23.9	7.5	720
	15-17	4.3			28.8						35.2	31.7	7.2	719
	18-27	10.9			24.0						28.1	37.0	7.0	718
	21-23	12.9			25.7						24.7	29.7	6.0	720
TOTALS		14.7			28.9						30.5	25.9	6.2	5720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# SKY COVER

1989 JACKSONVILLE FL

73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	49.5			17.7						13.7	19.0	3.7	735
	03-05	49.1			16.7						16.0	19.2	3.9	702
	06-08	37.1			19.3						21.6	22.0	4.7	731
	09-11	28.9			22.3						24.6	24.2	5.3	744
	12-14	17.2			27.8						32.7	22.3	6.0	744
	15-17	24.1			26.9						24.3	24.7	5.5	744
	18-20	37.2			19.9						18.1	24.7	4.7	744
	21-23	44.3			19.3						14.8	21.6	4.1	742
TOTALS		35.8			21.2						20.7	22.2	4.7	5886

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

NOV

MONY

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV.	00-02	44.7			14.7						13.5	27.1	4.4	680
	03-05	41.1			14.1						14.1	30.8	4.8	669
	06-08	30.5			16.3						21.6	31.6	5.6	694
	09-11	26.9			18.9						26.7	27.4	5.7	718
	12-14	19.7			22.8						32.2	25.3	6.1	720
	15-17	23.1			21.9						26.5	28.5	5.9	720
	18-20	31.4			21.3						17.1	30.3	5.2	720
	21-23	37.4			18.9						16.0	27.6	4.8	692
TOTALS		31.9			13.6						21.0	28.6	5.3	5613

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

# SKY COVER

17-89 JACKSONVILLE FL

73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00- 2	37.1			15.7						14.3	33.0	5.1	728
	03-05	36.6			16.4						9.6	37.4	5.1	708
	06-08	28.6			17.9						13.5	40.0	5.8	732
	09-11	25.0			15.1						20.1	38.9	6.1	741
	12-14	21.8			19.2						23.8	35.2	6.2	744
	15-17	23.7			18.3						22.8	35.2	6.1	744
	18-20	32.1			17.7						17.3	32.8	5.4	744
	21-23	38.6			15.9						12.9	32.6	4.9	736
TOTALS		30.6			17.0						16.8	35.6	5.6	5877

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# SKY COVER

1989 JACKSONVILLE FL

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN.	ALL	30.0			17.0						18.5	34.4	5.6	5682
FEB		35.1			17.0						16.7	31.2	5.2	5393
MAR		26.6			21.1						22.2	30.0	5.7	5919
APR		34.6			23.3						21.6	20.6	4.7	5703
MAY		23.2			25.6						26.7	24.5	5.6	5886
JUN.		15.2			29.8						31.5	23.5	6.1	5733
JUL		13.9			32.1						32.5	21.5	6.0	5927
AUG		16.2			33.0						33.4	17.4	5.7	5908
SEP		14.7			28.9						30.5	25.9	6.2	5720
OCT		35.8			21.2						20.7	22.2	4.7	5886
NOV		31.9			18.6						21.0	28.6	5.3	5613
D C		30.6			17.0						16.8	35.6	5.6	5877
TOTALS		25.7			23.7						24.3	26.3	5.5	69447

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

\* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\Sigma X^2$ ), sums of values ( $\Sigma X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

## DAILY TEMPERATURES

43-81

THE 100TH ANNIVERSARY  
**YEARS**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP. (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100					.1	1.2	.9	.3					.2
95				.1	6.1	17.0	24.5	18.2	3.5				5.8
90			.4	4.5	28.3	53.2	75.5	67.8	34.2	3.9			22.3
85		2.0	11.2	30.3	63.6	86.4	96.0	93.7	77.3	23.9	2.6		40.5
80	6.9	11.7	23.6	58.9	87.7	97.2	99.7	98.5	93.9	58.7	20.4	6.3	55.7
75	21.6	28.8	49.8	81.1	97.3	99.6	100.0	99.9	98.9	82.8	46.5	22.8	69.1
70	37.6	45.9	68.3	93.5	99.4	99.9		100.0	99.9	93.9	68.0	41.2	79.0
65	54.3	61.4	84.4	98.4	99.9	100.0			100.0	99.0	84.5	59.7	86.8
60	69.9	77.1	92.7	99.8	100.0					99.7	93.1	77.0	92.4
55	83.1	89.0	98.2	100.0						100.0	97.2	89.5	96.4
50	92.6	95.4	99.5								99.3	96.1	98.6
45	97.2	99.1	99.9								99.7	99.3	99.6
40	99.4	100.0	100.0								99.9	99.9	99.9
35	99.8										100.0	100.0	100.0
30	100.0												100.0
25													
20													
15													
10													
5													
0													
MEAN	65.1	67.5	73.7	80.3	86.2	89.7	91.8	90.9	87.3	80.3	72.5	66.5	79.3
S. D.	10.295	9.970	8.854	6.529	5.692	4.901	3.798	4.123	4.491	6.059	7.996	9.040	11.931
TOTAL OBS.	1054	961	1054	1020	1054	990	1022	1023	990	1023	990	1023	12204

## DAILY TEMPERATURES

89 JACKSONVILLE FL  
STATION STATION NAME

45-81

**YEARS**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMALLY

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75					.6	11.5	25.2	24.2	10.5	1.0			.1
70		.1	.6	1.8	19.4	67.8	93.5	92.6	69.8	13.2	1.0		29.8
65	.6	2.2	6.2	18.7	56.3	92.2	99.5	99.9	92.8	39.6	6.9	2.0	42.9
60	6.4	9.6	22.0	45.1	81.4	98.3	100.0	100.0	98.7	60.2	20.2	6.9	54.2
55	17.3	20.1	37.9	66.0	93.6	100.0			99.9	78.6	37.3	19.6	64.2
50	31.3	34.7	55.1	83.6	98.2				100.0	88.6	54.5	33.9	73.3
45	43.9	50.5	70.7	94.1	100.0					95.8	70.8	49.1	81.2
40	61.3	69.3	85.7	98.4						99.2	85.4	64.3	88.6
35	75.2	83.8	95.7	100.0						100.0	94.0	80.9	94.1
30	81.3	87.9	97.6								96.5	87.8	95.9
25	90.1	94.3	99.4								98.7	93.8	98.0
20	97.1	98.9	99.8								99.8	99.3	99.6
15	99.4	100.0	100.0								100.0	99.8	99.9
10	99.9											99.9	100.0
5	100.0											100.0	100.0
0													
MEAN	43.1	48.1	50.7	57.3	64.5	70.4	73.0	72.8	70.6	60.3	50.5	44.6	58.6
S. D.	10.577	10.223	9.592	7.555	5.728	3.891	2.367	2.338	3.648	8.214	9.812	10.264	13.495
TOTAL OBS	1054	961	1054	1020	1054	990	1022	1023	990	1023	990	1023	12204

1 29 JACKSONVILLE FL  
STATION STATION NAME

## DAILY TEMPERATURES

45-81

**YEARS**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
50					1.3	12.4	21.1	19.6	2.8	.1			4.8
51			.2	1.9	22.7	63.6	88.5	84.9	52.9	5.1			26.3
52	.1	1.5	7.0	21.6	61.4	93.7	99.8	99.1	90.6	30.2	3.6	.6	42.3
53	4.5	8.6	23.1	51.7	88.5	99.2	100.0	100.0	98.5	62.0	18.6	6.2	55.1
54	17.6	22.5	41.7	75.9	97.7	100.0			99.8	83.0	41.3	19.4	66.6
55	33.4	37.9	63.0	92.3	99.8				100.0	94.2	62.1	36.0	76.6
56	48.6	56.4	80.7	98.2	100.0					98.8	80.3	54.6	84.8
57	66.3	75.7	92.1	99.8						99.9	92.2	73.9	91.6
58	83.3	89.8	98.5	100.0						100.0	97.6	89.5	96.5
59	93.4	96.8	99.9								99.4	97.5	93.9
60	97.8	99.6	100.0								99.8	99.7	99.7
61	99.6	100.0									100.0	99.9	100.0
62	100.0											100.0	100.0
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	54.3	56.5	62.4	69.0	75.5	80.3	82.6	82.1	79.2	70.6	61.7	55.7	69.2
S. D.	7.729	9.299	8.514	6.302	4.934								

**USAFETAC FORM 0-21-5 (OL 1)** PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH  
ETAC  
WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

89 JACKSONVILLE FL  
STATION STATION NAME

48-81  
YEARS

IN DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1	83	85	89	90	98	98	96	98	96	84	87	82	98
2	82	84	89	90	94	96	96	97	95	88	79	77	98
3	82	85	88	89	95	103	97	97	95	87	87	77	103
4	77	82	86	86	96	97	102	98	97	96	85	80	102
5	77	80	89	88	95	101	100	97	95	89	81	77	101
6	78	87	87	89	99	100	100	96	93	86	83	82	100
7	80	79	97	92	91	103	99	102	96	91	83	78	103
8	81	81	89	93	98	100	96	98	95	89	86	80	100
9	77	85	89	88	96	96	97	100	93	86	84	84	100
10	84	87	86	88	94	98	98	99	96	84	85	77	99
11	75	79	82	93	91	95	95	96	95	94	85	78	96
12	81	86	82	77	96	98	97	97	95	94	85	78	98
13	77	85	84	89	97	96	98	96	90	88	83	75	98
14	70	86	89	89	94	95	99	98	96	88	88	83	99
15	84	88	84	92	99	96	99	98	95	92	84	79	99
16	81	81	89	81	95	97	95	97	94	87	80	76	97
17	76	77	87	91	95	99	94	95	95	91	84	81	99
18	81	83	88	92	96	94	96	96	93	91	81	76	96
19	77	81	83	89	89	91	97	98	95	90	84	80	98
20	81	81	81	94	100	97	97	96	92	89	85	83	100
21	77	79	89	95	93	96	98	98	95	90	84	83	98
22	81	80	84	89	95	97	100	97	93	90	80	79	100
23	80	76	86	92	94	99	99	98	98	89	82	82	99
24	81	86	86	90	91	98	96	94	92	92	86	83	98
25	83	83	85	90	88	95	97	96	96	89	85	63	97
26	82	78	88	87	95	95	96	95	94	91	84	82	96
27	83	83	91	90	92	93	93	93	92	86	84	80	93
28	83	84	87	89	94	95	93	95	93	88	83	77	95
29	77	82	86	88	90	91	97	93	91	89	80	77	97
30	74	81	88	90	94	100	100	96	94	93	93	77	100
MEAN													
S.D.													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

\*) (AT LEAST ONE DAY LESS THAN 24 OBS)

CLIMATOLOGY BRANCH  
ETAC  
WEATHER SERVICE/MAC

## EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 89 JACKSONVILLE FL 48-81  
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
4	20	33	38	55	54	60	69	71	64	43	43	36	20
5	20	41	35	43	55	65	71	72	59	58	33	32	30
6	12	33	37	77	60	64	70	64	64	54	23	28	23
7	26	26	36	42	52	62	67	65	66	48	30	27	26
8	27	30	35	41	50	67	70	69	67	41	36	28	27
9	11	34	40	43	58	67	71	68	62	43	36	26	26
4	12	37	30	43	51	58	66	67	65	39	29	28	28
5	28	24	33	45	55	59	71	69	68	46	29	29	24
5	27	38	34	45	58	58	70	68	55	57	28	34	27
5	25	35	34	46	52	68	70	67	64	38	38	17	17
5	24	22	34	46	49	61	69	68	60	44	38	32	22
5	23	32	36	43	60	65	69	69	67	48	26	28	23
6	25	29	28	41	52	57	71	68	67	50	42	24	24
6	24	34	37	44	53	60	70	66	64	42	40	24	24
6	24	31	30	38	54	69	67	67	55	42	36	12	12
6	24	29	37	45	49	64	65	68	63	41	31	26	24
4	22	29	32	45	56	63	66	70	62	42	39	20	22
5	20	30	37	49	56	60	65	71	69	43	36	21	26
6	20	25	30	42	57	56	69	66	62	47	31	23	20
6	22	22	40	46	55	66	68	68	50	46	36	31	22
6	22	31	33	46	55	68	73	70	65	42	33	26	26
6	22	33	34	48	53	65	71	66	65	55	29	32	29
7	19	23	37	46	52	60	69	70	58	52	21	27	19
7	19	24	28	37	45	57	69	70	61	46	32	39	19
7	22	28	33	44	56	57	61	69	61	49	34	30	28
7	26	30	39	41	45	65	69	66	68	39	34	25	25
74	44	23	37	38	51	64	62	69	59	44	31	25	23
75	27	30	31	35	54	66	66	69	57	47	30	23	23
76	24	30	35	40	46	59	68	66	62	39	25	26	24
77	12	24	31	39	49	59	64	68	64	36	31	25	19
MEAN													
S. D.													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM  
JUL 64

0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)



USAF ETAC FORM 0-88-5 (OLA) JUL 64 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

13589 JACKSONVILLE FL  
STATION STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 1 0000-02  
HOURS 11.5.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew		
72 / 71			.4															3	3				
71 / 69			.7															5	5	2			
69 / 67		2.3	.7	.1														23	23	4			
66 / 65		1.5	.4	.3														16	16	20			
64 / 63	.4	2.0	1.1															26	26	23			
62 / 61	.4	4.2	.5															38	38	27			
61 / 59		4.7	.5															39	39	46			
58 / 57	1.2	2.7	.5	.1														34	34	43			
56 / 55	.5	3.1	.9	.1	.1													36	36	26			
54 / 53	1.9	3.4	.4	.3														44	44	46			
52 / 51	.9	2.2	.5		.1													26	28	35			
50 / 49	.5	3.4	.7	1.1	.4													45	45	26			
47 / 47	.5	5.1	.1	.5														47	47	39			
46 / 45	1.2	2.4	1.9	.9	.5													52	52	49			
44 / 43	.7	2.2	1.6	.7														38	38	29			
42 / 41	.4	.9	1.3	.4	.3	.1												26	26	40			
40 / 39	.5	1.6	1.3	.7	.8													37	37	34			
38 / 37	.4	1.5	.8	1.1	.1													29	29	29			
37 / 35	.8	2.2	1.3	.3														34	34	35			
36 / 33	.1	3.5	1.6	.8														45	45	28			
32 / 31	.5	3.5	1.9	.9														51	51	47			
30 / 29		.8	1.2	.3														17	17	35			
28 / 27		.8	.8															12	12	29			
26 / 25		1.2	.1															10	10	19			
24 / 23		.3	.1															3	3	13			
22 / 21		.4																3	3	4			
20 / 19		.4																3	3	5			
18 / 17																					1		
16 / 15																							
14 / 13																							
12 / 11																							
10 / 9																							
8 / 7																							
Element (X)	Σx <sup>2</sup>		Σx		X		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

AD-A113 157

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE IAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
DEC 81

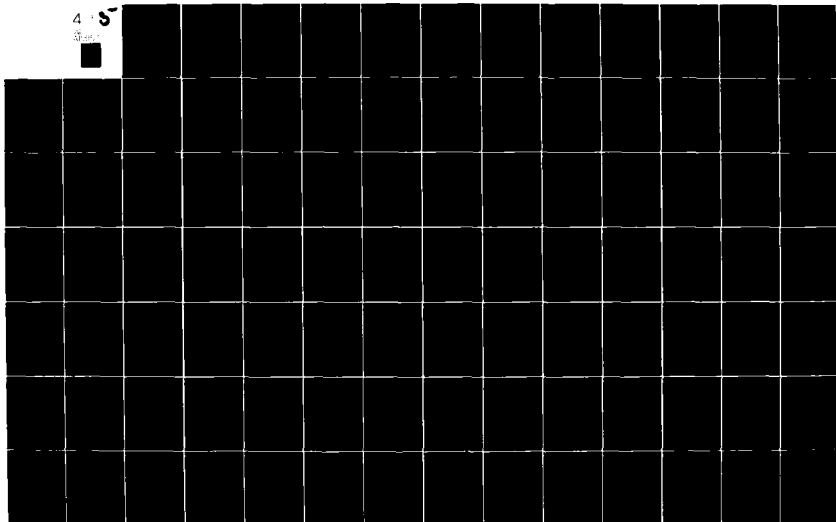
UNCLASSIFIED

USAFETAC/DS-82/004

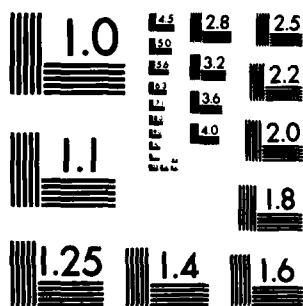
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13157



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

## PSYCHROMETRIC SUMMARY

13E89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

**JAN**  
**MONT**

PAGE 2 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13E89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

**JAN**  
**MONTH**

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

17889 JACKSONVILLE FL 74-81 JAN  
STATION STATION NAME YEARS MONTH  
PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point				
72/ 71		.1	.1															2	2						
70/ 69		.1	.3															3	3	1					
68/ 67		1.6	.5															16	16	6	3				
66/ 65	.3	2.3	.3															21	21	19	19				
64/ 63	.8	2.2	.4	.1														26	26	29	27				
62/ 61	.4	2.3	.4															23	23	21	17				
60/ 59	.4	4.3	.4	.3														40	40	22	22				
58/ 57	1.2	3.4	.3	.4														39	39	47	45				
56/ 55	1.5	3.6	.1															39	39	39	40				
54/ 53	1.3	2.6																29	29	42	39				
52/ 51	.7	1.2	.1															15	15	21	25				
50/ 49	.3	3.8	.4															33	33	12	14				
48/ 47	1.9	3.9	.3	.1														46	46	47	36				
46/ 45	.7	2.3	1.7	.3	.1													38	38	37	34				
44/ 43	.7	2.0	1.2	.4														32	32	23	32				
42/ 41	.5	1.7	1.3	.4														30	30	29	15				
40/ 39	.7	2.6	.4															27	27	33	20				
38/ 37	1.1	2.3	.8	.3	.1													34	34	37	21				
36/ 35	.7	2.4	1.5	.4														37	37	31	45				
34/ 33	.9	4.0	1.9	.7	.1													57	57	44	31				
32/ 31	.1	4.7	1.3	.5														50	50	38	31				
30/ 29	.4	1.6	2.2	.3														33	33	47	39				
28/ 27	.3	2.6	1.6	.3														35	35	31	27				
26/ 25		2.0	.7															20	20	41	37				
24/ 23		.5	.4															7	7	28	9				
22/ 21	.1	.1	.5															6	6	7	14				
20/ 19		.4	.1															4	4	4	38				
18/ 17		.1																1	1	7	23				
16/ 15																					11				
14/ 13	.1																	1	1	1	16				
12/ 11																					8				
10/ 9																					3				
8/ 7																					2				
6/ 5																					1				
4/ 3																									
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Mean No. of Hours with Temperature						
Rel. Hum.																			≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									



**USAFETAC FORM 0-26-3 (OL A)** PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS JAN MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
77 / 77						.1												1	1				
76 / 75				.5	.5													8	8				
74 / 73			.1	1.1	.3	.1												12	12				
72 / 71			1.5	.7	.4													19	19				
70 / 69		.5	1.9	.1	.4													22	22	11			
68 / 67		1.7	1.5	.4	.5													31	31	39	9		
66 / 65	.3	1.9	.8	.8	.5	.1	.1											34	34	27	40		
64 / 63	.3	2.4	1.6	.4		.1												36	36	34	37		
62 / 61	.4	2.4	.9	.3	.4			.1										34	34	32	27		
60 / 59	.3	4.3	1.5	.5	.3	.4	.5											58	58	47	36		
58 / 57	.4	2.7	.9	.7	.5	.1		.1										41	41	41	49		
56 / 55	.8	1.5	1.1	.5	.3	.4	.1											35	35	43	45		
54 / 53	.4	1.2	.8	.4	.5	.3												27	27	28	25		
52 / 51	.5	1.5	1.7	1.2	.9	.3		.1										47	47	28	25		
50 / 49	.4	1.3	.9	.8	.3	.3	.3											32	32	35	25		
48 / 47	.3	2.7	.7	2.0	.9	.3												51	51	35	28		
46 / 45	.4	1.3	1.3	.9	.1	.3	.4											36	36	48	38		
44 / 43	.3	.9	1.5	1.5	.7	.1												37	37	30	27		
42 / 41	.5	1.1	1.5	1.1	.3	.5												37	37	43	20		
40 / 39		.7	1.3	.5	1.1	.3												29	29	34	22		
38 / 37	.1	.3	.8	1.1	.9	.1												25	25	34	38		
36 / 35	.1	.5	2.0	1.2	.5													33	33	26	29		
34 / 33		.1	1.1	.9	.7													21	21	26	25		
32 / 31			1.2	1.2														18	18	27	23		
30 / 29		.1	.3	.5														7	7	27	26		
28 / 27			.3															2	2	20	20		
26 / 25		.1	.3	.3														5	5	14	16		
24 / 23		.1	.5															5	5	5	12		
22 / 21			.1															1	1	7	11		
20 / 19																				3	21		
18 / 17																					26		
16 / 15																					7		
14 / 13																					9		
12 / 11																					14		
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

JAN  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13489                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13-89 JACKSONVILLE FL 74-81 JAN

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 JACKSONVILLE FL 74-81 JAN  
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.3	.9	.3									11	11		
81/ 79						.4	1.3	1.3	.1									24	24		
78/ 77					1.1	.9	1.6	1.1										35	35		
76/ 75				.3	1.7	.5	.4	.1										23	23		
74/ 73				.9	.8	1.2	.7	.3	.3		.3							33	33		
72/ 71			.4	.5	1.7	1.2	.5	.3		.3								37	37	1	
70/ 69			.1	.9	1.5	.4	.3	.3	.8	.4								35	35	22	
68/ 67		.3	.5	.4	.5	.8	.1	.7	.3	.3	.1							30	30	57	1
66/ 65		1.2		.8	.5	1.1	.5	.9	.7	.1	.1							45	45	40	21
64/ 63	.3	.9	1.2	1.2		1.1	.1	.4	1.5	.7								55	55	49	33
62/ 61	.1	1.1	.5	.3	1.2	1.1	.3	.1	.4	.3								40	40	37	46
60/ 59		1.3	.8	.8	.5	.4	.1	1.2	.1	.1								41	41	37	42
58/ 57		.9	.9	1.2	1.2	.7	.3	.7	.5	.3								50	50	38	52
56/ 55		1.6	.4	.5	1.1	.4	.8	.4	.1									40	40	36	39
54/ 53		.7	.7	.5	.7	.8	.9	.8	.3									40	40	53	35
52/ 51		1.1	.7	1.1	.8	1.3	1.2	.5										50	50	41	31
50/ 49	.4	.5	.4	.3	2.0	.4	1.3	.7										45	45	43	19
48/ 47	.1	.8	.7	.7	1.1	1.1	.8	.4										42	42	43	41
46/ 45		.3	.5	.5	.3	.4	.7											20	20	40	28
44/ 43	.1	.1		.4	.3	.1	.1											9	9	42	33
42/ 41		.1	.3	.5	.5	1.2												20	20	56	19
40/ 39		.1	.3	.3	.1	.3												8	8	20	29
38/ 37					.3													2	2	33	22
36/ 35					.3													2	2	21	30
34/ 33					.8													6	6	15	21
32/ 31			.1															1	1	8	27
30/ 29																				4	31
28/ 27																				2	21
26/ 25																				6	15
24/ 23																					13
22/ 21																					9
20/ 19																					20
18/ 17																					14
16/ 15																					13
Element (X)	ΣX <sup>2</sup>		ΣX		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

17289      JACKSONVILLE FL  
STATION      STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS JAN MONTH

PAGE 1 1800-200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew P.		
76/ 77						.1												1	1				
76/ 75					.5													4	4				
74/ 73				.4	.5	.4												10	10				
72/ 71			.8	.9	.5	.3												19	19				
71/ 69		.1	1.5	.7	.9													24	24				
68/ 67		.3	2.2	.7	.3													25	25	18			
66/ 65	.3	2.0	1.3	.9	.1	.3	.1	.1										39	39	38	1		
64/ 63	.4	2.4	1.2	.4	.1	.1												35	35	42	3		
62/ 61		1.9	.9	.5		.1	.1		.1									28	28	40	3		
60/ 59		2.7	1.2	.4	.7	.3	.5	.3										45	45	33	3		
58/ 57	.3	2.4	.9	.5	.3	.4	.3											38	38	34	3		
56/ 55	.5	3.8	1.9	.4	.3	.5	.5	.3										61	61	42	5		
54/ 53	.1	2.7	1.5	.4	.7	.5			.1									45	45	38	3		
52/ 51		1.7	1.7	.5	.3	.7												37	37	45	2		
50/ 49		2.8	2.4	1.6	.5	.7	.3											62	62	35	3		
48/ 47		1.9	1.5	1.1	1.5	.1	.1											46	46	53	3		
46/ 45		.9	1.6	2.3	.8	.8	.3											50	50	34	4		
44/ 43		.9	1.9	1.7	.8	.7	.3											47	47	40	2		
42/ 41	.1	.8	.7	1.1		.4												23	23	46	2		
40/ 39		.5	1.2	1.2	.7													27	27	47	2		
38/ 37	.1	.9	1.7	.7	.3													28	28	37	3		
36/ 35		.7	1.1	.7	.5													22	22	41	3		
34/ 33		.4	.5	.7														12	12	27	2		
32/ 31			.4	.5														7	7	18	4		
30/ 29		.4		.3														5	5	17	2		
28/ 27			.4	.1														4	4	10	2		
26/ 25																				3	1		
24/ 23																				5	1		
22/ 21																					1		
20/ 19																							
18/ 17																					1		
16/ 15																					1		
14/ 13																					1		
12/ 11																							
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

JAN  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 9																					6	
7 / 7																					1	
TOTAL	1.9	30.4	28.6	18.8	10.3	6.5	2.6	.7	.3										744	744	744	
																		744		744		

## PSYCHROMETRIC SUMMARY

13-89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
72 / 71			.5															4	4						
71 / 69			1.1	.8	.4													17	17						
69 / 67		.9	.5	.1														12	12	6					
66 / 65	.1	3.1	.7	.4	.1													33	33	22	13				
64 / 62	.5	1.7	1.1															25	25	35	33				
62 / 61	.3	4.0	1.2	.1														42	42	26	15				
59 / 59	.1	3.4	.8															32	32	49	47				
57 / 57	.5	3.4	1.3		.1													40	40	34	45				
56 / 55	.1	4.0	.5	.1	.1	.1												38	38	37	30				
54 / 53	1.5	3.2	.9	.1	.1	.1												45	45	47	45				
52 / 51	.4	3.1	1.3	.3	.5	.4												45	45	27	41				
50 / 49	.7	3.9	.3	.4	.1													40	40	40	27				
47 / 47	.5	3.2	.8	.4	.3	.1												40	40	39	33				
46 / 45	.8	3.2	1.1	2.0														53	53	46	49				
44 / 43	.3	2.3	1.5	1.1	.7	.1												44	44	39	33				
42 / 41	.1	1.1	1.3	1.1	.7	.3												34	34	27	12				
40 / 39		2.2	1.7	.5	.3													35	35	42	19				
37 / 37		2.2	2.0	1.5														42	42	36	28				
36 / 35	.3	2.2	1.1	.4	.3													31	31	36	28				
34 / 33	.1	2.3	.9	1.5	.1													37	37	52	35				
32 / 31	.1	1.5	1.5	.4														26	26	31	49				
30 / 29	.1	.7	.7	.5														15	15	29	31				
28 / 27	.3	.3	.3															6	6	22	23				
26 / 25		.1	.5															5	5	11	23				
24 / 23			.3															2	2	6	19				
22 / 21																				3	8				
20 / 19		.1																1	1	2	23				
18 / 17																					13				
16 / 15																					11				
14 / 13																					6				
12 / 11																					4				
10 / 9																					1				
TOTAL	7.05	52.02	24.1	11.8	3.9	1.2												744	744	744	744				
Element (X)	Σx²			Σx		X	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature															
Rel. Num.	5004497			60031		80.7	4.711	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1850397			36177		48.6	1.085	744			6.9	4.1				93									
Wet Bulb	1672401			34217		46.0	1.528	744			13.0	.8				93									
Dew Point	1496999			31735		42.7	13.890	744			26.4					93									

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13089 JACKSONVILLE FL 74-81 JAN  
STATION STATION NAME YEARS MONTH

PAGE 1 ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
81 / 81							.1	.2	.0										15	15		
79 / 79						.2	.4	.3	.0										47	47		
77 / 77					.4	.4	.3	.2											74	74		
76 / 75			.0	.2	.5	.2	.1	.1											67	67		
74 / 73			.0	.4	.3	.4	.1	.1	.0		.0								77	77		
72 / 71		.0	.5	.4	.5	.3	.2	.1		.0	.0								122	122	2	
70 / 69		.2	.8	.4	.6	.1	.1	.1	.2	.1									146	146	75	1
68 / 67		1.2	.9	.3	.2	.1	.1	.1	.1	.0	.0								187	187	180	21
66 / 65	.1	2.0	.5	.5	.3	.3	.1	.2	.1	.0	.0								253	253	235	185
64 / 63	.4	1.9	.9	.6	.1	.4	.1	.1	.2	.2									291	291	286	253
62 / 61	.3	2.3	.7	.3	.3	.3	.1	.2	.1	.1									268	268	247	227
60 / 59	.2	3.2	.9	.4	.3	.2	.2	.2	.1	.0									342	342	287	286
58 / 57	.6	2.4	.8	.5	.4	.2	.1	.1	.1	.1	.1								319	319	327	366
56 / 55	.7	2.6	.7	.2	.4	.3	.3	.1	.0										320	320	305	306
54 / 53	.8	2.2	.6	.3	.3	.3	.2	.2	.1										304	304	334	292
52 / 51	.4	1.8	.9	.5	.5	.5	.3	.1											291	291	259	245
50 / 49	.4	2.5	.7	.6	.6	.3	.3	.1											335	335	266	209
48 / 47	.6	2.7	.6	.8	.6	.3	.3	.1											345	345	328	256
46 / 45	.5	1.8	1.2	1.0	.4	.3	.3												325	325	334	309
44 / 43	.4	1.2	1.1	.8	.4	.3	.1												256	256	274	227
42 / 41	.4	1.0	1.0	.7	.3	.4													219	219	312	144
40 / 39	.3	1.1	1.0	.5	.5	.2													210	210	273	175
38 / 37	.3	1.2	.9	.8	.3	.0													205	205	254	235
36 / 35	.3	1.4	1.0	.4	.3	.0													203	203	250	265
34 / 33	.2	1.7	.9	.6	.2														214	214	271	210
32 / 31	.2	1.8	1.0	.6	.0														215	215	227	299
30 / 29	.1	.6	.8	.3															107	107	202	244
28 / 27	.1	.6	.6	.1															83	83	147	194
26 / 25		.7	.3	.1															60	60	130	166
24 / 23		.2	.2																21	21	84	102
22 / 21	.0	.1	.2																18	18	29	95
20 / 19		.1	.0																8	8	22	200
18 / 17		.1																	4	4	10	136
16 / 15																					1	94
Element (X)	Σ X <sup>2</sup>			Σ X			Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

13489                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

**JAN**  
**MONTH**

PAGE 2

ALL  
HOURS 11-5-7-11

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 74-81 FEB  
STATION STATION NAME YEARS MONTH  
PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71		.1	.9															7	7				
70/ 69		.7	.7															10	10	3			
68/ 67		1.2	.9															14	14	15	7		
66/ 65	.4	2.4	1.2															27	27	15	21		
64/ 63	.3	3.1	.6															27	27	30	22		
62/ 61	.1	2.9	1.2															29	29	26	24		
60/ 59	.3	2.2	1.0	.1														25	25	26	28		
58/ 57	.1	2.8	1.0			.1	.1											29	29	25	25		
56/ 55	.6	4.1	.7	.3	.3	.1												42	42	31	27		
54/ 53	.4	3.1	.9	.7	.4	.1												39	39	38	33		
52/ 51	.7	1.8	1.6	.9	.3													36	36	31	31		
50/ 49	.4	3.2	1.6	.9	.3													44	44	32	33		
48/ 47	.6	2.9	.9	1.5	.1													41	41	40	26		
46/ 45	.1	4.0	1.3	.7														42	42	51	33		
44/ 43	.1	3.4	1.6	.9														41	41	35	40		
42/ 41		2.7	1.9	.3	.4													36	36	38	22		
40/ 39	.3	2.4	1.5	.4	.1													32	32	43	32		
38/ 37	.1	3.2	1.0	.6														34	34	34	33		
36/ 35	.1	4.0	.9	.3														36	36	35	41		
34/ 33		3.2	.9	.3	.1													31	31	41	39		
32/ 31		2.7	2.1	.4														35	35	32	49		
30/ 29	.1	1.0	.4															11	11	22	30		
28/ 27	.4	.3	.1															6	6	22	19		
26/ 25		.6																4	4	9	14		
24/ 23																				4	5		
22/ 21																					15		
20/ 19																					18		
18/ 17																					6		
16/ 15																					3		
14/ 13																					1		
12/ 11																					1		
TOTAL	5.6	58.1	25.1	8.4	2.2	.4	.1											678		678	678		
Element (X)	Σ x <sup>2</sup>			Σ x		Σ	σ <sub>x</sub>	No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.	4783584			56312		83.1	2.544	678			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1658832			32692		48.2	1.038	678				6.9	3.8				84						
Wet Bulb	1513650			31118		45.9	1.234	678				11.0	2.2				84						
Dew Point	1373181			29241		43.1	2.866	678				19.9	.9				84						

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 74-81 FEB  
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
80 / 79		.1																1	1			
78 / 77																				1		
76 / 75																					1	
74 / 71		.1	.7															6	6			
72 / 69		.9	.6															10	10	4		
68 / 67		1.2	.6															12	12	15	7	
66 / 65	.3	3.1	.6															27	27	17	20	
64 / 63	.4	2.2	.3															20	20	24	25	
62 / 61	.1	2.7	.4															22	22	17	16	
60 / 59	.3	2.9	.3															24	24	26	20	
58 / 57	.3	3.5	.4	.1														30	30	23	29	
56 / 55	.6	3.4	.4															30	30	33	31	
54 / 53	.6	2.1	.4	.3														23	23	30	27	
52 / 51	.7	2.5	.7	.6	.3													33	33	19	23	
50 / 49	.4	3.4	.9	.6	.1													37	37	31	26	
48 / 47	.3	2.8	1.2	.3	.3													33	33	31	27	
46 / 45	.4	5.8	1.2	.6	.1													55	55	33	27	
44 / 43		4.0	2.5	.3	.1													47	47	52	31	
42 / 41	.6	2.8	1.5	.6	.1													38	38	41	33	
40 / 39	.7	4.3	1.8	.1	.4													50	50	47	42	
38 / 37		3.1	.7															26	26	40	28	
36 / 35	.1	4.4	.7	.3														38	38	37	41	
34 / 33	.1	3.1	1.5	.1														33	33	46	37	
32 / 31		3.2	1.3	.3														33	33	22	46	
30 / 29	.3	2.4	1.0	.1														26	26	38	33	
28 / 27	.1	2.2	.9															22	22	18	31	
26 / 25		.3																2	2	28	12	
24 / 23																				5	7	
22 / 21																					16	
20 / 19																					24	
18 / 17																					9	
16 / 15																					3	
14 / 13																					3	
12 / 11																					3	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

YEARS

FEA  
MONTH

0300-0500  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 JACKSONVILLE FL 74-81 FEB  
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.1	.3	.1														4	4						
71/ 69		.9	.6															10	10	4					
68/ 67		1.5	.1															11	11	13	10				
66/ 65	.1	4.1	.3															31	31	26	21				
64/ 63	.6	1.3	.1															14	14	16	27				
62/ 61		2.2	.7															20	20	16	10				
60/ 59	.4	3.5	.3	.1														30	30	20	15				
58/ 57	.3	2.4	.4															21	21	32	35				
56/ 55	1.0	2.8	.3	.1														29	29	24	22				
54/ 53	1.3	2.7	.6															31	31	33	37				
52/ 51	.1	2.5	.1			.1												20	20	24	16				
50/ 49	1.0	3.7	1.2		.1													41	41	25	29				
48/ 47	.4	4.7	.7		.1													41	41	32	30				
46/ 45	.3	4.4	.6	.6														40	40	44	25				
44/ 43	.3	3.7	2.4	.7		.1												49	49	36	37				
42/ 41	.6	3.4	1.3	.6	.3													42	42	35	27				
40/ 39	.3	3.5	1.0	.4	.3													38	38	45	35				
38/ 37		3.2	.1	.6	.1													28	28	43	28				
36/ 35	.3	3.2	1.3	.3	.1													36	36	29	32				
34/ 33		4.0	.9															33	33	31	37				
32/ 31		5.8	3.4															62	62	48	42				
30/ 29	.1	1.2	.7															14	14	40	31				
28/ 27	.3	2.1	.6															20	20	27	40				
26/ 25		1.3	.6															13	13	19	17				
24/ 23																				14	9				
22/ 21																				2	9				
20/ 19																					29				
18/ 17																					15				
16/ 15																					2				
14/ 13																					10				
10/ 9																					1				
TOTAL	7.768	308.9	3.7	1.2	.3														678	678	678				
																		678		678					
Element (X)	ΣX²		ΣX		X	ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX	
Rel. Hum.	4995405		57615		85.0	12.117		678		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total			
Dry Bulb	1509877		31015		45.7	1.600		678				13.5		3.1								84			
Wet Bulb	1402869		29759		43.9	1.950		678				18.6		2.1								84			
Dew Point	1287745		28035		41.3	3.778		678				25.4		1.2								84			



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 STATION JACKSONVILLE FL 74-81 YEARS FEB MONTH  
PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76 / 75				1.0	.4	.1												11	11					
74 / 73			.7	.9	.4	.7	.1			.1								21	21					
72 / 71		.7	1.6	.6	.6	.4	.1		.4									31	31	3				
70 / 69		.7	1.0	.9	.9	.7	.1	.1	.1									32	32	19	3			
68 / 67		1.8	1.2	.6	.6			.1										29	29	25	18			
66 / 65	.1	1.3	1.2	1.0	.4	.1	.6		.1									34	34	31	32			
64 / 63	.1	1.5	.9	.9		.9	.6		.1									34	34	32	23			
62 / 61		1.9	1.3	.7	.1	.6		.4	.1									36	36	31	18			
60 / 59		2.2	.6	1.0	.3	.6	.6	.4										39	39	37	30			
58 / 57	.1	1.5	1.0	.6	.7	.7	.4	.3										37	37	36	37			
56 / 55	.7	2.9	.7	1.0	.3		.3	.1										42	42	34	45			
54 / 53	.3	1.2	.9	.9	.7	1.0	.3	.1										37	37	40	34			
52 / 51	.1	2.2	1.0	.1	1.6	.3	.3											39	39	35	26			
50 / 49	.1	2.5	1.3	1.0	1.3	.6	.1											48	48	46	32			
48 / 47		1.3	.6	1.0	1.6	.7	.1											37	37	35	21			
46 / 45	.3	1.2	1.2	1.9	.7	.3	.1											39	39	36	32			
44 / 43		.7	1.2	1.3	1.2	.1												31	31	42	23			
42 / 41		.6	1.9	1.0	.4	.1												28	28	36	31			
40 / 39		.6	.1	1.2	1.2													21	21	43	17			
38 / 37		.3	.7	.7	.6													16	16	32	23			
36 / 35		.4	.6	1.3														16	16	18	41			
34 / 33		.3	.7	.4	.1													11	11	23	29			
32 / 31			.6	.6														8	8	15	44			
30 / 29				.1														1	1	16	19			
28 / 27																				8	12			
26 / 25																				4	24			
24 / 23																				1	7			
22 / 21																					15			
20 / 19																					17			
18 / 17																					11			
16 / 15																					7			
14 / 13																					4			
12 / 11																					3			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

17089                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

FEB  
MONTH

PAGE 2

0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13-00 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS FEB MONTH  
PAGE 1 1200-1400  
1000-1200

[illegible]

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

FEB  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1389 JACKSONVILLE FL  
STATION STATION NAME

74-81

YEARS

FEB  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
81/ 81							.4	.6	.3		.1	.1	.1					12	12					
80/ 79					.1	.6	.6	1.0	.9	.3	.4	.1	.3					30	30					
78/ 77					.3	.1	1.2	.9	.3	.4		.7	.1					28	28					
76/ 75			.1	.4	1.0	1.5	.9	1.0	.6	.7	.1	.3						46	46					
74/ 73			.7	.9	.3	.6	1.0	1.2	.7	.1		.1						39	39					
72/ 71		.1		.6	.9	.4	.9	.6	1.0	.1	.6	.1						37	37	8				
70/ 69			1.5	.9	.7	.9	.7	.6	1.2	.9	.6							54	54	14	5			
68/ 67		.7	.6	.3	1.2	1.6	.6	.4	.7	1.9								55	55	38	9			
66/ 65		1.6	.1	.4	.6	.9	.6	.1	.1	.3								33	33	44	15			
64/ 63		.7	.1	.9	.9	.6	.3	.6	1.6	.1								40	40	45	30			
62/ 61		.4	.4	.3	.1	.1	.7	1.8	1.2									35	35	41	30			
60/ 59		1.3	.4	.3	.3	.9	.9	1.2	.4	.3								41	41	41	30			
58/ 57		1.2	.3	.1	.1	.3	.6	1.2	1.3									35	35	56	23			
56/ 55		.3	.3	.3	1.0	.7	1.0	1.2	.4									36	36	43	39			
54/ 53	.3		.1	.1	.4	.9	.3	.7	.1									21	21	32	37			
52/ 51	.3	1.0	.7	.3	.9	.4	1.3	.3										36	36	38	31			
50/ 49		.4	.3	.6	1.3	.6	.9	.1										29	29	39	30			
48/ 47		.7		.3	1.2	.7	1.0											27	27	43	28			
46/ 45		1.0	.3	.6	1.0	.1	.9											27	27	51	21			
44/ 43		.7		.4	.4													11	11	29	27			
42/ 41		.1			.1													2	2	42	21			
40/ 39		.1			.1	.3												4	4	38	28			
38/ 37																				18	27			
36/ 35																				12	30			
34/ 33																				3	31			
32/ 31																				3	41			
30/ 29																					24			
28/ 27																					28			
26/ 25																					19			
24/ 23																					5			
22/ 21																					14			
20/ 19																					19			
18/ 17																					18			
16/ 15																					7			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

17-89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

FEB  
MONTH

PAGE 2 1500-1700  
HOURS 11 - 5 - T - 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
14 / 13																						7
13 / 11																						3
12 / 9																						1
TOTAL	.6	10.8	6.2	7.8	13.3	12.4	14.9	13.6	11.1	5.3	1.9	1.6	.6						678	678	678	
																			678	678		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 STATION JACKSONVILLE FI STATION NAME 74-81 YEARS FEB MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
77 / 77						.1	.1	.1										3	3			
76 / 75				.1	.1	.4	.3	.3		.1								10	10			
74 / 73			.1	.4	.1	.9		.1		.1	.1							14	14			
72 / 71		.4	1.0	.6	.1		.4			.3								20	20	1		
70 / 69		.3	1.3	1.0	1.0	.1	.6	.1										31	31	9	3	
68 / 67	.1	1.5	1.3	.9	.7	.4	.3	.7	.4	.1								45	45	20	11	
66 / 65	.1	1.9	1.5	1.2	.7	.3		.4	.1									43	43	32	23	
64 / 63		2.4	.7	.9	.9	.7	.7	.3	.1									46	46	41	19	
62 / 61		.7	1.3	.7	1.5	.3	.4	.1										35	35	34	35	
60 / 59		1.6	1.3	1.2	.7	.3	.3	.4	.1									41	41	28	22	
58 / 57		1.8	1.6	1.3	.9	.6	.7	.4										50	50	42	28	
56 / 55		1.5	.9	1.9	1.0	.1	.3	.1										40	40	40	29	
54 / 53	.3	1.0	1.8	.6	.6	.7	.6											38	38	47	39	
52 / 51	.1	.9	1.2	1.3	.7	.4	.3	.1										35	35	47	28	
50 / 49		.6	1.0	.9	.9	.7	.9											34	34	44	37	
48 / 47		1.3	1.9	1.5	.1	1.2	.3											43	43	33	34	
46 / 45		.9	2.5	1.3	1.2	.7	.1											46	46	36	39	
44 / 43		1.2	.9	1.5	.4	.3												29	29	43	25	
42 / 41		.6	1.8	.9	.6	.3												28	28	46	26	
40 / 39		.4	1.3	.1	.7													18	18	31	45	
38 / 37		.7	.9	.3	.1													14	14	41	32	
36 / 35		.1	.3	1.0														10	10	28	24	
34 / 33		.3	.1															3	3	13	43	
32 / 31			.1															1	1	12	31	
30 / 29			.1															1	1	8	19	
28 / 27																				1	16	
26 / 25																				1	10	
24 / 23																					16	
22 / 21																					14	
20 / 19																					15	
18 / 17																					7	
16 / 15																					7	
14 / 11																					1	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total	
Rel. Num.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

13689                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

FEB  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17889 JACKSONVILLE FL 74-81 FEB  
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
74 / 73				.1														1	1			
72 / 71		.1	.3	.4														6	6			
70 / 69		1.3	.7	.3	.1													17	17	4		
68 / 67		1.2	.7	.7			.1											19	19	16	9	
66 / 65	.4	3.8	.9	1.0	.3	.1												45	45	22	25	
64 / 63		2.9	.7	.3	.3													29	29	28	16	
62 / 61		1.9	1.2	.6	.3	.1	.3											30	30	35	21	
60 / 59		2.8	.6	.1		.4	.3											29	29	23	34	
58 / 57		2.8	1.8	.3	.3	.9	.1											42	42	34	28	
56 / 55	.6	3.7	1.8	1.0	.3	.1												51	51	38	41	
54 / 53	.1	2.7	.4	1.2	.6													34	34	39	27	
52 / 51	.7	1.9	2.7	.4	.7	.1												45	45	32	31	
50 / 49		3.1	1.5	.6	.4	.3												40	40	41	39	
48 / 47	.1	2.8	1.8	.7	.4	.1												41	41	53	26	
46 / 45	.1	3.2	1.6	.7	.3	.4												44	44	40	43	
44 / 43		2.7	2.5	1.3	.6	.3												50	50	42	29	
42 / 41		1.3	1.6	.7	.3													27	27	41	32	
40 / 39	.1	2.1	1.0	.3	.3													26	26	34	36	
38 / 37		2.8	1.2	.4	.1													31	31	37	38	
36 / 35		2.4	1.0	1.2														31	31	34	29	
34 / 33		2.5	1.2	.3														27	27	33	39	
32 / 31		.3	.7															7	7	22	43	
30 / 29		.4																3	3	18	22	
28 / 27		.4																3	3	9	15	
26 / 25																				3	9	
24 / 23																					11	
22 / 21																					10	
20 / 19																					14	
18 / 17																					8	
16 / 15																					3	
TOTAL	2.4	49.3	26.0	13.0	5.5	3.1	.9											678	678	678	678	
																		678		678		
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	4346844		53406		78.8		4.383		678		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	1832001		34517		50.9		10.507		678			1.6	5.3	.1			84					
Wet Bulb	1622897		32377		47.8		10.649		678			6.4	2.5				84					
Dew Point	1431399		29967		44.2		12.565		678			16.7	1.1				84					

## PSYCHROMETRIC SUMMARY

1389                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

FEB  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 81							.1	.1	.1		.0	.0	.0					19	19				
80/ 79		.0				.0	.2	.2	.2	.1	.0	.1	.0	.1				53	53				
78/ 77				.0	.1	.1	.2	.2	.0	.1		.2	.0					62	62	1			
76/ 75			.1	.4	.3	.5	.3	.2	.1	.1	.1	.0						114	114		1		
74/ 73			.3	.4	.1	.6	.4	.2	.1	.1	.1	.0						129	129				
72/ 71		.2	.7	.4	.3	.2	.3	.1	.3	.1	.1	.0						142	142	24			
70/ 69		.7	.9	.4	.4	.5	.3	.2	.4	.2	.1							219	219	84	20		
68/ 67	.0	1.2	.8	.4	.4	.4	.2	.2	.2	.4								227	227	181	68		
66/ 65	.2	2.4	.8	.5	.4	.3	.2	.1	.2	.1								282	282	235	182		
64/ 63	.2	1.8	.5	.4	.4	.3	.3	.1	.3	.1								240	240	259	183		
62/ 61	.0	1.6	.8	.3	.3	.3	.3	.4	.3	.0								232	232	237	187		
60/ 59	.1	2.1	.6	.4	.2	.4	.4	.4	.2	.1								262	262	235	215		
58/ 57	.1	2.2	.9	.3	.3	.4	.5	.3	.2									283	283	279	231		
56/ 55	.5	2.5	.6	.6	.5	.3	.4	.3	.1									314	314	293	269		
54/ 53	.4	1.7	.7	.5	.5	.4	.2	.3	.0									253	253	296	268		
52/ 51	.4	1.7	1.1	.5	.6	.4	.4	.1										277	277	264	216		
50/ 49	.3	2.2	1.1	.7	.6	.4	.3	.1										300	300	292	254		
48/ 47	.2	2.2	1.0	.8	.7	.4	.2											298	298	302	209		
46/ 45	.2	2.6	1.1	.9	.5	.3	.2											316	316	342	237		
44/ 43	.1	2.1	1.4	.9	.4	.1	.0											268	268	314	237		
42/ 41	.1	1.5	1.3	.5	.4	.1												212	212	325	214		
40/ 39	.2	1.7	.9	.4	.4	.1												195	195	314	267		
38/ 37	.0	1.7	.6	.3	.1													149	149	261	227		
36/ 35	.1	1.8	.6	.6	.0													168	168	209	277		
34/ 33	.0	1.7	.7	.1	.0													138	138	198	277		
32/ 31		1.5	1.0	.2														146	146	160	338		
30/ 29	.1	.6	.3	.0														56	56	143	203		
28/ 27	.1	.6	.2															51	51	86	190		
26/ 25		.3	.1															19	19	64	124		
24/ 23																				24	70		
22/ 21																				2	106		
20/ 19																					151		
18/ 17																					71		
16/ 15																					41		
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ <sub>n</sub>			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							



## PSYCHROMETRIC SUMMARY

12689                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

MAR  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73			.3	.3														4	4					
74/ 71		.7	1.1	.5	.1	.1												19	19	1				
74/ 69		2.6	2.2	.7	.1													41	41	13	4			
68/ 67		3.4	2.4	.5	.3													49	49	46	23			
66/ 65	.4	4.2	3.0	.8		.1												63	63	31	51			
64/ 63	.1	5.4	.9	.3	.3	.3												54	54	67	35			
62/ 61	.5	3.2	1.3	.8	.4													47	47	63	64			
61/ 59		4.2	1.5	.9	.3	.1												52	52	40	46			
58/ 57	.5	5.4			.1	.3												47	47	56	57			
58/ 55	.4	4.8	1.3	.9	.1													57	57	60	57			
54/ 53	.3	2.6	2.0	.4	.3			.1										42	42	43	53			
52/ 51	.5	1.7	.8	.7	.1		.1											30	30	34	25			
52/ 49	.1	5.9	1.5	.9	.1		.1											65	65	46	28			
48/ 47	.3	4.3	.8	.3	.4													45	45	56	52			
46/ 45	.3	4.6	.7	.7	.3													48	48	58	60			
44/ 43		2.3	.3	.4	.1													23	23	39	40			
42/ 41		2.3	1.1															25	25	23	30			
40/ 39		.9	.5															11	11	26	31			
38/ 37	.3	.1	.1	.1														5	5	17	18			
36/ 35		.7	.1															6	6	9	18			
34/ 33		.4	.3															5	5	6	15			
32/ 31		.1																1	1	3	9			
30/ 29		.3	.3															4	4	2	7			
28/ 27		.1																1	1	2	5			
26/ 25																				3	6			
22/ 21																					3			
20/ 19																					2			
18/ 17																					2			
TOTAL	3.86	60.12	22.4	9.3	3.1	.9	.3	.1										744	744	744	744			
Element (X)	Σx²		Σx		X	e <sub>s</sub>	No. Obs.		Mean No. of Hours with Temperature															
Rel. Num.	5441810		63066		84.8	1.364	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2411447		41777		56.2	9.396	744			.8	14.1	.5			93									
Wet Bulb	2206879		39935		53.7	9.377	744			1.3	7.5				93									
Dew Point	2052672		38290		51.5	10.510	744			4.3	3.4				93									

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 JACKSONVILLE FL 74-81 MAR  
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72 / 71	.1	.9	.9	.1														16	16	2	1			
71 / 69		2.2	1.3	.4														29	29	9	3			
68 / 67	.7	4.2	2.0	.8	.1			-										58	58	44	32			
66 / 65	.1	4.4	1.2	.7														48	48	33	43			
64 / 63	.3	5.1	.9	.1														48	48	57	36			
62 / 61	.7	4.0	.9	.1														43	43	57	49			
60 / 59	.5	3.2	.4	.3	.1													34	34	43	46			
58 / 57	.8	5.0	.7	.4														51	51	44	59			
56 / 55	.7	5.4	1.3	.4	.1													59	59	49	47			
54 / 53	.4	3.6	.8	.3														38	38	49	48			
52 / 51	.4	3.0	.8	.4	.3													36	36	35	37			
50 / 49	.1	4.4	.4	.5	.7													46	46	38	34			
48 / 47		3.5	.8	.3	.3													36	36	40	38			
46 / 45	.3	5.9	.9	.4		.1												57	57	50	44			
44 / 43	.1	4.7	.4	.5														43	43	51	37			
42 / 41	.4	3.1	.9	.4	.1													37	37	43	37			
40 / 39		1.7	.5		.1													18	18	25	38			
38 / 37		1.5	.7	.1														17	17	25	25			
36 / 35	.3	1.1	.3	.3														14	14	19	16			
34 / 33	.1	.9	.1	.1														10	10	14	23			
32 / 31																					9	21		
30 / 29		.1																1	1	2	10			
28 / 27		.3																2	2	1	5			
26 / 25		.1	.3															3	3	3	2			
24 / 23																				2	1			
22 / 21																					7			
20 / 19																					3			
18 / 15																					2			
TOTAL	6.0	68.4	16.8	6.7	1.9	.1												744	744	744	744			
Element (X)	Σ x²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	5761717		65029		87.4		10.238		744		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F			
Dry Bulb	2264886		40354		54.2		10.121		744				.8		12.9									
Wet Bulb	2109307		38883		52.3		10.193		744				2.1		6.9									
Dew Point	1991882		37578		50.5		1.241		744				6.4		4.5									

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12689 STATION JACKSONVILLE FL 74-81 YEARS MAR MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.3	.1														3	3		
72/ 71		1.1	1.1															16	16	2	
70/ 69	.3	2.2	1.2	.1														28	28	18	7
68/ 67	.9	3.2	2.0	.3		.1												49	49	42	34
66/ 65	.9	4.8	1.3	.5	.1													58	58	39	42
64/ 63	.7	3.4	1.2	.5	.3													45	45	52	43
62/ 61	.3	3.9	.9	.7														43	43	35	41
60/ 59	.7	4.4	.3	.3	.1													43	43	50	40
58/ 57	1.1	4.0	1.1	.7														51	51	57	54
56/ 55	.9	5.4	1.1	.7														60	60	52	52
54/ 53	.1	3.1	1.3	.4	.1													38	38	44	48
52/ 51		3.4	.9	.3		.1												35	35	38	28
50/ 49		5.0	1.6			.1												50	50	46	50
48/ 47	.3	2.6	1.5	.7	.4													40	40	46	48
46/ 45		3.8	1.3	.8	.5													48	48	27	34
44/ 43		3.0	.8	.4														31	31	45	26
42/ 41	.4	3.0	1.5	.4														39	39	44	35
40/ 39		1.1	.4	.1	.1													13	13	28	39
38/ 37	.3	.9	.9															16	16	27	25
36/ 35	.1	1.6	.3	.1														16	16	13	13
34/ 33	.1	1.3		.1														12	12	17	20
32/ 31		.5	.1															5	5	13	27
30/ 29																				2	17
28/ 27																				2	7
26/ 25		.4	.1															4	4	1	4
24/ 23		.1																1	1	2	2
22/ 21																				2	1
20/ 19																					3
18/ 17																					1
16/ 15																					2
14/ 13																					1
TOTAL	7.1	62.1	21.4	7.3	1.7	.4												744	744		744
																		744		744	
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	5659132		64414		86.6		10.525		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	2279572		40472		54.4		10.245		744			1.3	12.0	.4			93				
Wet Bulb	2115922		38916		52.3		10.400		744			2.8	7.8				93				
Dew Point	1987713		37491		50.4		1.514		744			8.1	5.1				93				

## PSYCHROMETRIC SUMMARY

13289                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

MAR  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

1389 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS MAR MONTH  
PAGE 2 0900-1100 HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

1389 STATION JACKSONVILLE FL 74-81 YEARS MAR MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
48/ 87										.4	.3							5	5	
46/ 85								.3	1.1	.3		.1						13	13	
44/ 83						.1	.7	1.6	.4	.3	.1	.4						27	27	
42/ 81					.1	2.4	1.6	.5		.4	.3	.3						42	42	
40/ 79				.1	1.5	2.8	.9	1.7	.9	.3	.4	.1						66	66	
38/ 77				.4	1.9	1.1	3.0	2.0	1.5	.7	.4							81	81	
36/ 75			.3	2.2	1.3	1.1	1.6	2.4	.7	.9		.1						79	79	
34/ 73		.1	.5	.7	.1	1.1	1.9	1.6	1.2	.5	.7	.3						65	65	8
32/ 71		.5	.7	.5	.4	.5	1.7	.8	1.1	.4	.5							54	54	57 1
30/ 69		.3	.9	.3	.3	.9	.8	.5	.8	1.1	.5							48	48	87 18
28/ 67		.3	.5	.8	.3	.4	.7	1.5	1.1	1.6	.3							55	55	54 41
26/ 65	.5	.7	.8	.1	.1	1.2	.7	.9	.9	.4	.1							49	49	61 62
24/ 63	.3	1.2	.3	.3	.3	.5	1.2	1.3	.8	.3								48	48	65 50
22/ 61		.4	.1	.3	.1	1.1	.7	.7	.3	.1								28	28	78 40
20/ 59		.5	.5	.3	.8	.4	.1	.5	.1									25	25	51 46
18/ 57		.4	.5	.5	.3	.3	.3	.4	.3									16	16	42 52
16/ 55		.3	.3	.3	.3	.3	.3	.3										12	12	37 46
14/ 53		.1	.1	.1	.3	.1	.3											8	8	46 37
12/ 51		.3			.5													6	6	53 34
10/ 49				.3	.1													3	3	41 32
8/ 47				.3		.3	.3											6	6	18 30
6/ 45						.1	.1											2	2	15 37
4/ 43						.1												1	1	15 25
2/ 41					.1													1	1	4 27
0/ 39					.1													1	1	28
38/ 37																				4 16
36/ 35																				2 23
34/ 33		.4																3	3	2 12
32/ 31																				4 34
30/ 29																				16
28/ 27																				14
26/ 25																				6
24/ 23																				3
22/ 21																				5
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

## PSYCHROMETRIC SUMMARY

17889                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

MAR  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point
20 / 19																					3
18 / 17																					3
16 / 15																					3
TOTAL	.8	5.5	5.1	7.4	8.7	14.7	16.8	17.2	11.2	7.7	3.6	1.3							744		744
																		744			744
														</							

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 STATION JACKSONVILLE FL 74-81 YEARS MAR MONTH  
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
89												.1						1	1		
87									.1	.3	.5							7	7		
85								.4	.7	.9		.1	.7					21	21		
83							.9	.9	1.9	.4	.4		.1					35	35		
81					.4	1.6	1.5	.7	.4	.3	.3		.3					40	40		
79					.9	1.9	1.6	1.1	.4	.7		.3	.1					52	52		
77				.3	1.7	.8	3.0	2.4	.8	1.6	.4	.1						83	83		
75				1.2	.8	1.9	1.9	1.6	1.1	.7	.5							72	72		
73		.4	.5	1.6	.4	1.1	2.3	1.1	.7	.8	.9	.3	.3					77	77	9	
71		.1	.8	.5	.4	.4	.5	.7	1.2	1.2	.3	.3						48	48	50	
69		.7	.5	.3	1.2	.9	.4	.8	1.1	2.0	.5							63	63	78	
67		.8	.4	.3	.1	.5	.8	.5	.9	.4								36	36	59	
65	.1	1.2	.5	.7	.5	.8	1.3	1.2	.5	.3								54	54	75	
63		2.0	.1	.7	.7	.8	1.2	.8	.5	.5								55	55	70	
61		.5		.5	.9	.4	.1	.8	.8	.3								33	33	74	
59		.3	.4	.1	.4	.3	.1	.5										16	16	39	
57		.3		.7	.1													8	8	50	
55		.3		.5	.1		.3	.3										11	11	55	
53			.1		.3	.4												6	6	50	
51		.1	.1	.1	.5													7	7	49	
49		.3		.4	.3		.9	.1										15	15	28	
47							.1											1	1	17	
45																				18	
43																				37	
41																				9	
39																				17	
37																				2	
35																				26	
33																				2	
31		.4																		25	
29																		3	3	15	
27																				7	
25																				8	
23																				8	
21																				2	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

13689                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

MAR  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
02 / 21																					9		
20 / 12																					2		
1- / 17																					4		
16 / 15																					1		
14 / 13																					1		
TOTAL	.1	7.4	3.6	7.9	9.9	11.8	17.1	4.0	11.2	10.3	3.9	1.2	1.5						744	744	744		
																		744		744			
</																							

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 STATION JACKSONVILLE FL 74-81 YEARS MAR MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 43									.3									2	2			
50/ 81																		5	5			
61/ 79				.1	.1	.3	.8	.4		.1		.1						15	15			
71/ 77				.1	1.1	.9	.8	.1	.3		.1	.1						27	27			
76/ 75			.3	1.7	.4	1.2	.4	.3	.1	.1								34	34			
74/ 73		.5	.8	1.6	.8	1.6	1.1	.4	.8	.1	.4							61	61	1		
72/ 71		.7	1.5	1.3	1.3	.8	.4	.5		.1								50	50	13	4	
71/ 69		1.7	2.8	1.7	1.6	1.1	.5	.1	.5	.1		.1						78	78	46	6	
61/ 67		1.2	1.5	1.7	1.9	.5	.9	.8	.1	.4								68	68	57	33	
66/ 65	.1	2.0	.5	1.7	1.3	1.1	.5	.4	.8									64	64	64	52	
64/ 63		2.3	1.3	1.6	.3	.8	.7	.1	.1									54	54	69	51	
62/ 61		2.3	.7	.7	1.2	.8	1.1	.3	.4									55	55	61	36	
60/ 59		1.3	1.9	1.1	.5	1.1	.3	.5	.1									51	51	75	67	
58/ 57		.4	1.3	1.5	.8	.7	.5											39	39	51	60	
58/ 55		.7	1.5	2.2	.7	.1	.1	.1										40	40	44	44	
54/ 53	.1	.9	2.2	.7	.4	.3	.4											37	37	54	51	
52/ 51		.5	.4	1.1	.3	.4												20	20	58	32	
50/ 49		.3	.5	.4	.7	.1	.1											16	16	57	43	
48/ 47		.1	.1	.5	.1	.1												8	8	23	44	
46/ 45		.1	.4	.3	.3													8	8	25	42	
44/ 43			.4	.1														4	4	14	27	
42/ 41			.1		.1													2	2	13	31	
41/ 39			.1	.1														2	2	10	28	
38/ 37			.1															1	1	2	15	
36/ 35																				3	16	
34/ 33																				1	18	
32/ 31		.1	.3															3	3		11	
31/ 29																				1	10	
28/ 27																				2	10	
26/ 25																					8	
24/ 23																					1	
22/ 21																					3	
21/ 19																					1	
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

**YEARS**

MAR  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 74-81 YEARS MAR  
STATION STATION NAME MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76 / 75				.5		.1												5	5					
74 / 73		.1	.1	.8	.5	.8												18	18					
72 / 71			.4	1.9	.8	.9	.1		.1									32	32	1	1			
70 / 69		1.6	3.4	1.5	.4													51	51	12	1			
68 / 67	.1	3.4	3.1	1.6	.1		.3	.1										65	65	46	20			
66 / 65	.1	4.3	3.0	1.7	.8	.5	.1											79	79	68	64			
64 / 63	.1	2.8	1.5	1.5	.5	.3	.1											51	51	76	49			
62 / 61		3.4	2.4	1.2	.1	.4		.1										57	57	51	53			
60 / 59	.3	3.6	1.1	.8	.3	.3		.1										48	48	57	57			
58 / 57	.1	3.8	1.7	1.5	.5	.5		.3										63	63	67	64			
56 / 55	.5	2.3	1.2	.7	.3	.3		.1										40	40	58	52			
54 / 53	.1	1.9	3.0	1.1	.7	.1												51	51	38	59			
52 / 51	.4	4.0	2.3	.3	.3													54	54	44	25			
50 / 49	.1	3.1	2.2		.4	.1												44	44	71	43			
48 / 47		1.5	.5	1.2	.4													27	27	46	67			
46 / 45		1.1	.5	.3														14	14	31	42			
44 / 43		1.2	.7	.3														16	16	13	32			
42 / 41		1.3	.4	.1														14	14	29	23			
40 / 39		.1	.4															4	4	17	28			
38 / 37		.3																2	2	6	9			
36 / 35		.1	.1															2	2	4	17			
34 / 33		.3																2	2	3	10			
32 / 31		.3	.1															3	3	2	9			
30 / 29		.1	.1															2	2	1	8			
28 / 27																				2	7			
26 / 25																				1	1			
24 / 21																					2			
22 / 19																					1			
TOTAL	2.0	41.0	29.7	15.9	6.3	3.6	.5	.9										744	744	744	744			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	4887629		59565		80.1		2.646		744		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2657291		43979		59.1		8.807		744				.6	21.4	2.9		93							
Wet Bulb	2357510		41390		55.6		8.597		744				.8	7.4			93							
Dew Point	2137055		39199		52.7		9.829		744				3.5	2.8			93							

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 STATION JACKSONVILLE FL 74-81 YEARS MAR MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
89												.0						1	1			
87									.0	.1	.1							12	12			
85								.1	.2	.2		.0	.1					34	34			
83						.0	.2	.3	.3	.1	.1	.1	.0					64	64			
81					.1	.5	.4	.2	.1	.1	.1	.1	.0					92	92			
79				.0	.3	.7	.4	.4	.2	.2	.1	.1	.0					139	139			
77			.0	.1	.9	.4	1.0	.6	.3	.3	.1	.0						227	227			
75			.1	1.0	.5	.6	.6	.6	.3	.3	.1	.0						241	241			
73		.2	.5	.9	.4	.7	.7	.5	.4	.2	.3	.1	.0					289	289	19		
71	.0	.7	1.3	.6	.5	.4	.5	.3	.3	.2	.1	.0						306	306	149	10	
69	.1	1.6	1.7	.7	.7	.6	.3	.2	.3	.4	.1	.0						400	400	331	67	
67	.2	2.3	1.7	.9	.5	.3	.4	.4	.3	.3	.0							439	439	413	282	
65	.4	3.0	1.4	1.0	.5	.6	.5	.3	.4	.1	.0							492	492	432	431	
63	.3	2.9	1.0	.7	.3	.5	.4	.3	.2	.1								401	401	521	367	
61	.2	2.5	.9	.7	.5	.4	.3	.4	.2	.1								360	360	473	366	
59	.2	2.3	.9	.6	.5	.4	.2	.3	.1									318	318	431	403	
57	.3	2.6	.6	.7	.4	.3	.2	.1	.0									309	309	415	444	
55	.3	2.5	.9	.8	.4	.2	.1	.2										312	312	392	404	
53	.1	1.6	1.2	.4	.4	.2	.1	.0										243	243	371	381	
51	.2	1.8	.7	.5	.3	.1	.1											214	214	341	233	
49	.1	2.4	.8	.4	.3	.1	.2	.0										251	251	369	304	
47	.1	1.5	.5	.5	.3	.1	.1											177	177	281	353	
45	.1	1.9	.5	.3	.2	.1	.0											186	186	252	331	
43	.0	1.4	.4	.2	.0	.0												122	122	201	224	
41	.1	1.2	.5	.1	.1													118	118	179	232	
39		.5	.3	.1	.1													54	54	119	241	
37	.1	.4	.2	.0														41	41	90	152	
35	.1	.4	.1	.1														40	40	55	155	
33	.1	.5	.1	.0														35	35	46	138	
31		.2	.1	.0														16	16	34	148	
29		.1	.1															7	7	13	92	
27		.1	.0															4	4	9	63	
25		.1	.1															7	7	9	44	
23		.0																1	1	5	14	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						



## PSYCHROMETRIC SUMMARY

12-89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

MAR  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 74-81

APR  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75				.6	.4													7	7					
74/ 73			.7	.6														9	9					
72/ 71		1.0	2.1	1.0														29	29					
70/ 69		3.3	4.6	.3	.1													60	60	23	5			
68/ 67	.6	5.1	3.3	.7	.3	.3												74	74	68	44			
66/ 65		6.7	1.8	1.7	.6	.1												78	78	79	65			
64/ 63	.1	5.8	2.1	1.3	.3													69	69	64	77			
62/ 61	.1	5.3	3.6	1.0	.4													75	75	59	61			
60/ 59	.1	4.9	1.5	.6														51	51	79	55			
58/ 57	.1	5.3	2.2	.6														59	59	72	63			
56/ 55	.1	6.3	1.1	.3	.3													58	58	67	74			
54/ 53		4.6	1.0	.3	.4													45	45	60	63			
52/ 51		3.3	1.8	.6														41	41	39	71			
50/ 49		2.2	.7	.3														23	23	31	33			
48/ 47		1.8	.1	.3														16	16	32	30			
46/ 45		.8																6	6	18	21			
44/ 43	.1	1.4	.3															13	13	15	20			
42/ 41		.7	.1															6	6	8	14			
40/ 39																				4	9			
38/ 37		.1																1	1	2	9			
36/ 35																					5			
34/ 33																					1			
TOTAL	1.4	58.6	27.1	9.7	2.8	.4												720	720	720	720			
														</										

## PSYCHROMETRIC SUMMARY

1389                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

APR  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17689 JACKSONVILLE FL

74-81

YEARS

APR  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.3														2	2		
74/ 73		.4	1.0	.8	.1													17	17		
72/ 71		2.5	1.9	.4	.1													36	36	10	2
70/ 69	.4	4.4	2.9	.6														60	60	44	23
68/ 67	.1	4.3	2.1	.8														53	53	50	42
66/ 65	1.0	6.5	1.3	.7	.1													69	69	65	76
64/ 63	1.1	4.9	1.7	1.1	.3													65	65	70	60
62/ 61	.3	5.8	1.4	.7	.6													63	63	53	47
60/ 59		5.3	2.2	.4	.1													58	58	58	55
58/ 57	.7	4.2	1.7	1.1	.3	.1												58	58	67	63
56/ 55	.3	4.2	1.5	.7	.3													50	50	55	55
54/ 53	.7	4.3	.7	1.1	.3	.1												52	52	55	62
52/ 51	.3	4.0	1.9	.4	.1													49	49	44	41
50/ 49		2.9	1.1	.1														30	30	43	43
48/ 47	.3	1.5	.4	.1														17	17	45	36
46/ 45		1.7	.4															15	15	19	38
44/ 43	.1	.4	.3	.3														8	8	16	21
42/ 41		.8	.1	.1														8	8	5	16
40/ 39	.1	.7		.1														7	7	13	15
38/ 37		.3																2	2	4	12
36/ 35		.1																1	1	3	4
34/ 33																				1	4
32/ 31																					2
30/ 27																					3
TOTAL	5.4	59.3	22.6	10.0	2.4	.3												720	720	720	720
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5440372		62210		86.4	9.527	720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2636771		43197		60.0	7.923	720				21.0	2.4			90						
Wet Bulb	2437759		41501		57.6	7.966	720				13.0				90						
Dew Point	2302001		40227		55.9	8.705	720			.6	8.4				90						

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13489 STATION JACKSONVILLE FL STATION NAME 74-81 YEARS APR MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85								.1	.3									3	3			
84/ 83						.1	.8	.1	.4	.1								12	12			
82/ 81					.6	1.4	.7	.3	.6		.1							26	26			
80/ 79				.4	1.8	2.5	1.3	.6	.7	.3	.1							55	55			
78/ 77			.4	1.4	4.2	2.2	2.2	1.4	.3	.1								88	88			
76/ 75			1.1	4.2	3.6	1.8	2.1	1.7	.3	.1	.1							108	108	1		
74/ 73		.3	1.1	2.6	2.5	3.2	2.6	1.1	.8	.6								107	107	23		
72/ 71		.6	1.3	1.1	2.5	1.7	.6	1.3	.4	.1								68	68	59	8	
70/ 69		1.4	1.9	1.1	1.3	.8	.7	.7	.6	.3								63	63	104	35	
68/ 67		1.5	1.4	1.4	1.8	.3	1.1	.7	.7									64	64	94	67	
66/ 65	.4	.3	.7	.4	.7	1.0	1.0	.8	.1									39	39	89	93	
64/ 63		1.0	.8	1.0	.3	1.0	.8	.3	.3									39	39	93	69	
62/ 61		.6	.4	.1	.7	1.3	.1	.3										25	25	65	65	
60/ 59				.1	.6	.4	.1	.3										11	11	48	57	
58/ 57				.3	.4	.3	.3											9	9	35	47	
56/ 55						.1												1	1	27	67	
54/ 53							.1											1	1	39	40	
52/ 51																				23	16	
50/ 49						.1												1	1	8	26	
48/ 47																				7	25	
46/ 45																				3	24	
44/ 43																				1	16	
42/ 41																					23	
40/ 39																				1	17	
38/ 37																					8	
36/ 35																					6	
34/ 33																					1	
32/ 31																					4	
30/ 29																					2	
28/ 27																					4	
TOTAL	.4	5.6	9.2	14.2	20.8	18.2	14.6	9.6	5.4	1.7	.4							720	720	720	720	
																		720		720		
Element (X)	Σ x'		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.	2919370		44432		61.7		15.709		720		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F	
Dry Bulb	3790271		52065		72.3		5.934		720				74.3		49.9		8.6				90	
Wet Bulb	2949590		45862		63.7		6.275		720				35.1		3.0						90	
Dew Point	2454937		41515		57.7		9.225		720				1.3		13.8						90	

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 JACKSONVILLE FL 74-81 APR  
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
90 / 89									.6	.4	1.3	.4	.1					20	20		
88 / 87								.4	2.9	1.1	1.0	.3						41	41		
86 / 85							.3	2.2	1.7	1.1	1.3	1.0	.7					59	59		
84 / 83						.6	1.0	1.5	2.1	1.5		.8		.3				56	56		
82 / 81					1.1	1.5	1.7	1.5	1.4	1.4	1.1	.7	.1					76	76		
80 / 79				.1	1.4	1.7	1.3	1.5	1.9	1.0	1.4	.3						76	76		
78 / 77				.1	1.4	1.8	2.2	1.8	1.1	.6	1.4	.7						80	80		
76 / 75			.4	1.3	.4	1.9	2.8	1.7	.6	.8	.6	.3						77	77	1	
74 / 73			.7	.7	.8	1.5	1.7	.7	1.4	1.0	1.1	.1						70	70	46	
72 / 71		.1	1.5	.4	1.0	1.3	1.0	1.3	1.1									55	55	63	5
70 / 69		.6	.4	.6	.7	1.0	1.1	.6	.4	.4	.4							44	44	94	21
68 / 67		.1	1.1	.7	.4		.6	.7	.4									29	29	89	38
66 / 65		.3	.6	.6		.3	.4		.1	.3								18	18	88	71
64 / 63		.7	.4	.3		.4			.1									14	14	101	53
62 / 61			.3	.1		.1												4	4	77	54
60 / 59					.1													1	1	52	76
58 / 57																				50	72
56 / 55																				27	65
54 / 53																				18	50
52 / 51																				8	28
50 / 49																				5	33
48 / 47																				1	26
46 / 45																					34
44 / 43																					23
42 / 41																					22
40 / 39																					13
38 / 37																					13
36 / 35																					10
34 / 33																					4
32 / 31																					1
30 / 29																					3
28 / 27																					4
26 / 25																					1
Element (X)	Σ X <sup>2</sup>		Σ X		X		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					



## PSYCHROMETRIC SUMMARY

1389                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

APR  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13089 JACKSONVILLE FL 74-81 APP  
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000  
HOURS L. S. T. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po.		
88/ 87									.3	.1								3	3				
86/ 85								.4	.3		.1							6	6				
84/ 83						.1	.1	.3	.4	.4	.1	.3						13	13				
82/ 81					.4	.4	1.4	1.1	.1	.3	.1							28	28				
80/ 79				.6	.8	.7	.6	.1	.4	.1	.1							25	25				
78/ 77			1.0	1.8	1.4	.8	.8	1.0	.1	.3								52	52				
76/ 75		.1	2.4	2.2	1.9	1.3	1.1	.3	.6	.3								73	73				
74/ 73		1.7	2.9	1.7	1.8	.8	.4	.3	.1	.1								71	71	6			
72/ 71	.1	2.5	2.2	1.9	2.4	1.5	.4	.4	.1	.1								85	85	26			
70/ 69	1.4	2.2	1.9	1.5	2.5	.8	.6	.3	.3									83	83	80	18		
68/ 67	1.9	1.7	3.1	1.8	.1	.7	.4	.3										72	72	92	47		
66/ 65	1.7	1.9	2.6	1.8	1.0	.4	.4		.1									72	72	92	65		
64/ 63	1.3	2.1	1.7	1.0	.8	.1	.1	.1										52	52	90	65		
62/ 61	.8	1.7	.3	.8	1.0	.1	.1											35	35	100	74		
60/ 59	.3	1.3	.6	.3	.1		.1											19	19	83	69		
58/ 57	.3	.7	.8	.6	.1													18	18	53	74		
56/ 55		.1	.8		.1	.1												9	9	35	71		
54/ 53		.3			.1													3	3	33	60		
52/ 51				.1														1	1	21	30		
50/ 49																				12	30		
48/ 47																				3	25		
46/ 45																				3	20		
44/ 43																				1	20		
42/ 41																					1		
40/ 39																							
38/ 37																							
36/ 35																							
34/ 33																							
32/ 31																							
30/ 29																							
28/ 27																							
TOTAL	7.8	16.3	20.3	16.5	14.9	9.0	6.9	3.9	2.6	1.4	.4							720	720		72		
																		720		720			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	316.290		46358		64.4		16.018		720		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb	3593583		50645		70.3		6.587		720						63.9		33.9		8.1				9
Wet Bulb	2834517		44993		62.5		5.643		720						25.5		.8						9
Dew Point	2376016		40958		56.9		8.005		720						.6		8.1						9

## PSYCHROMETRIC SUMMARY

PAGE 1 2100-2300  
HOURS (L. S. T.)

**USAFETAC** **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**  
**JUN 71**

## PSYCHROMETRIC SUMMARY

17c89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-61

YEARS

APR  
MONTH

PAGE 1

**ALL**

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
89 / 89									.1	.1	.2	.1	.1					28	28						
86 / 87								.1	.6	.2	.2	.1						73	73						
86 / 85						.0	.2	.8	.5	.3	.1	.1						133	133						
84 / 83						.2	.6	.5	.5	.5	.1	.2		.0				155	155						
82 / 81					.4	.6	.9	.5	.5	.4	.3	.1	.1					206	206						
81 / 79				.1	.5	.9	.7	.6	.6	.3	.4	.1	.0					244	244						
78 / 77			.1	.4	1.1	.8	1.0	.7	.5	.3	.4	.1						310	310						
76 / 75			.3	1.4	1.2	.9	1.2	.7	.3	.4	.2	.0						383	383	5					
74 / 73		.1	.9	1.3	.8	1.0	.7	.3	.4	.3	.2	.0						356	356	121					
72 / 71		.8	2.0	.9	.9	.8	.6	.5	.4	.2	.1							407	407	256	17				
70 / 69	.1	2.4	2.2	.9	.6	.7	.4	.3	.3	.2	.1							467	467	492	152				
68 / 67	.2	2.8	1.9	1.1	.7	.1	.4	.4	.2	.0	.0							452	452	609	364				
66 / 65	.3	3.5	1.4	1.1	.6	.3	.3	.2	.1	.1								456	456	626	579				
64 / 63	.4	3.1	1.2	1.0	.3	.3	.2	.1	.1	.0								389	389	574	530				
62 / 61	.1	2.9	1.5	.4	.4	.3	.0	.1										328	328	542	460				
60 / 59	.0	2.5	1.1	.4	.2	.1	.0	.1										254	254	519	515				
58 / 57	.2	2.4	.9	.5	.3	.1	.0											252	252	444	507				
56 / 55	.1	2.6	.6	.4	.1	.0	.0											222	222	363	531				
54 / 53	.1	2.1	.5	.3	.1	.0	.0											183	183	338	439				
52 / 51	.1	1.8	.7	.1	.1													163	163	231	335				
50 / 49		1.2	.5	.1		.0												102	102	172	276				
48 / 47	.1	1.0	.1	.1														74	74	154	227				
46 / 45	.0	.6	.1	.0														47	47	82	235				
44 / 43	.0	.3	.1	.1														27	27	55	170				
42 / 41		.4	.0	.0														28	28	26	137				
40 / 39	.0	.2	.0	.0														15	15	33	95				
38 / 37		.1																5	5	14	81				
36 / 35		.0																1	1	3	40				
34 / 33																				1	26				
32 / 31																					14				
30 / 29																					14				
28 / 27																					14				
26 / 25																					2				
Element (X)	Σ x²			Σ x			x̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

## PSYCHROMETRIC SUMMARY

74-81

YEARS

APR  
MONTH

PAGE 2

                      
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

1289                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

MAY  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13289                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

MAY  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13-89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

MAY  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-89 STATION JACKSONVILLE FL STATION NAME

74-81 YEARS

MAY MONTH

PAGE 1

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
91							.1											1	1					
89							.1	.3	.1		.1							5	5					
87						.8	.5	.7	.5									19	19					
85					.5	1.2	1.2	.7	.1	.4								31	31					
83				.7	2.2	3.2	2.2	.5	.4	.3								70	70					
81			.4	2.4	4.6	3.9	2.6	1.1	.5	.3								117	117					
79			1.3	3.8	4.8	4.0	1.2	.9	.4	.1								124	124	2				
77		.3	3.2	3.4	4.8	1.9	1.3	.5	.3	.3								119	119	23	1			
75		.4	2.4	3.8	1.9	.9	.9	1.7	.5									93	93	77	7			
73		1.5	2.3	2.7	.3	.9	1.2	.5	.1									71	71	159	60			
71	.3	1.9	.8		.5	.7	.4	.4										37	37	143	80			
69		1.1	.9	.1	.1	.4	.3	.1	.3									25	25	127	145			
67		.5			.4	.1	.1	.3										11	11	66	139			
65		.3	.1	.4		.4	.1											10	10	44	82			
63		.5			.1													5	5	26	54			
61		.4																3	3	43	28			
59		.1																1	1	15	31			
57		.3																2	2	9	25			
55																				8	24			
53																				2	29			
51																					11			
49																					12			
47																					7			
45																					2			
43																					3			
41																					4			
TOTAL	.3	7.3	11.6	17.2	20.3	18.5	12.2	7.8	3.4	1.3	.1							744	744	744	744			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3473122		49770		66.9		13.909		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4544168		58022		78.0		5.088		744				90.4	81.3	38.3		93							
Wet Bulb	3664371		52095		70.0		4.737		744				74.6	32.6			93							
Dew Point	3231093		48783		65.6		6.610		744				54.0	8.5			93							

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

17-89  
STATION

JACKSONVILLE FL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
96/ 95												.1						1	1						
94/ 93									.4	.7	.3	.1						11	11						
92/ 91									.5	.3	.1	.3	.1					15	15						
90/ 89						.1	.7	1.9	.9	.4	.7	.3	.4					40	40						
88/ 87						1.6	3.1	1.7	1.5	1.1	1.5	.5	.1					83	83						
86/ 85				.1	1.1	3.6	7.0	3.8	2.3	1.2	.7	.1						148	148						
84/ 83				.5	1.9	3.1	5.4	2.4	1.3	1.3	.1	.1	.1					122	122						
82/ 81				1.1	.8	2.8	3.6	.7	1.6	.7	.5							88	88						
80/ 79			.8	1.6	1.9	1.9	1.1	.9	1.3	.7								76	76	5					
78/ 77			.8	.7	1.9	.1	.9	1.1	.9	.1	.3							51	51	57					
76/ 75		.4	1.1	.8	.9	.3	.7	1.2	.3	.1								43	43	97	12				
74/ 73		.8	.8	.1	.1	.4	.3		.1	.1								21	21	162	37				
72/ 71		.9	.8	.5		.1	.4	.5	.1									26	26	128	85				
70/ 69		.1	.4			.1												5	5	101	114				
68/ 67		.3	.1															3	3	57	119				
66/ 65		.8		.1														7	7	54	83				
64/ 63		.3	.1															3	3	34	78				
62/ 61		.1																1	1	32	36				
60/ 59																				10	29				
58/ 57																				5	26				
56/ 55																				2	45				
54/ 53																					20				
52/ 51																					26				
50/ 49																					16				
48/ 47																					9				
46/ 45																					2				
44/ 43																					3				
42/ 41																					4				
TOTAL		3.8	5.0	5.6	8.6	14.2	23.1	14.9	11.4	6.7	4.2	1.6	.8					744	744	744	744				
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.	2532798		42014		56.5		4.686		744		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb	5069532		61280		82.4		5.462		744						91.6		87.4		68.9		1.5		93		
Wet Bulb	3748390		52700		70.8		4.563		744						75.9		40.1						93		
Dew Point	3133717		48007		64.5		6.965		744						45.9		6.1						93		

## PSYCHROMETRIC SUMMARY

17-89                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

MAY  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13689                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

YEARS

MAY  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13689                      JACKSONVILLE FL  
STATION                      STATION NAME

74-81

**YEARS**

MAY  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 JACKSONVILLE FL 74-81 MAY  
STATION STATION NAME YEARS MONTH

PAGE 1 ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97												.0						1	1		
96/ 95												.0						1	1		
94/ 93									.1	.1	.1	.1						19	19		
92/ 91							.0	.2	.2	.1	.1	.1	.1					37	37		
90/ 89						.0	.2	.4	.4	.3	.2	.1	.1					95	95		
88/ 87						.5	.6	.6	.5	.4	.3	.1	.0					175	175		
86/ 85				.1	.4	.9	1.4	.9	.6	.4	.2	.0						290	290		
84/ 83				.2	.8	1.2	1.5	.6	.4	.4	.1	.0	.0					304	304		
82/ 81			.1	.7	1.4	1.5	1.2	.6	.5	.2	.2	.0						374	374		
80/ 79			.7	1.2	1.5	1.2	.6	.5	.3	.2	.1							374	374	16	
78/ 77		.1	1.5	1.7	1.8	.6	.6	.4	.2	.1	.1							425	425	125	3
76/ 75		.9	2.4	1.8	.9	.5	.3	.6	.2	.0								453	453	288	40
74/ 73	.0	2.4	3.2	1.9	.3	.4	.4	.2	.1	.0								536	536	671	215
72/ 71	.1	4.8	3.5	.5	.4	.2	.2	.2	.0									592	592	834	460
70/ 69	.3	5.4	2.8	.4	.3	.2	.1	.0	.0									571	571	968	822
68/ 67	.2	5.0	2.0	.4	.3	.1	.1	.0										487	487	813	1011
66/ 65	.7	4.8	.8	.6	.1	.1	.0											420	420	705	898
64/ 63	.3	2.6	.7	.2	.1	.0												235	235	475	616
62/ 61	.0	2.4	.5	.3	.1	.0												193	193	360	435
60/ 59	.0	1.6	.3	.1	.0													123	123	258	310
58/ 57	.1	1.0	.2	.0	.0													76	76	167	339
56/ 55	.1	.8	.2	.0														67	67	111	239
54/ 53	.1	.5	.1	.0														41	41	51	179
52/ 51		.4	.0															28	28	56	123
50/ 49	.0	.3																19	19	26	118
48/ 47		.2																11	11	13	49
46/ 45																				10	35
44/ 43																					19
42/ 41																					12
40/ 39																					4
TOTAL	2.0	33.4	18.9	10.1	8.3	7.5	7.1	5.2	3.3	2.1	1.3	.5	.2					5947	5947	5947	
Element (X)	Σx <sup>2</sup>		Σx		Σ		Σ <sup>2</sup>		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.	35904933		449773		75.6		7.822		5947		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	32360548		435860		73.3		8.365		5947				592.2	385.8	185.7	2.6					744
Wet Bulb	27278256		401374		67.5		5.635		5947				464.8	137.6							744
Dew Point	24758978		381878		64.2		6.317		5947				321.6	32.3							744

## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMAR

1289                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

**JUN**  
**MON 1**

PAGE 1

0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

**MONTH**

[illegible]

## PSYCHROMETRIC SUMMARY

1789 JACKSONVILLE FL  
STATION STATION NAME

73-8C

YEARS

JUN  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

[illegible]





## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

111N

**MONTH**

PAGE 1 2100-2300  
HOURS (L. S. T.)

HOURS (L, S, T)

[illegible]

## PSYCHROMETRIC SUMMARY

13589                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

JUN  
MONTH

PAGE 1

ALL  
HOURS (L-S-T)

[illegible]

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

JUL  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

PAGE 1 0600-0810  
NOV 8 1964

[illegible]

## PSYCHROMETRIC SUMMARY

STATION JACKSONVILLE FL STATION NAME

23-80

YEARS

**MONTH**

PAGE 1

0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

13589                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

JUL  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

73-80

YEARS

JUL  
MONTH

PAGE 1 1800-200  
HOURS 11:55-12:00

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFH WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 JACKSONVILLE FL 73-80 JUL  
STATION STATION NAME YEARS MONTH  
PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL																			
89						.1		.1											2													2					
87						.4													3													3					
85			.1	.3	.4	.1	.1												8													8					
83			.5	.8	.5	.3	.1												17													17					
81			1.5	3.4	1.1	.4													47													47		3			
79		.5	9.3	4.0	1.5														114													114		8	3		
77		4.0	15.1	5.9	.7														191													191		39	6		
75		15.2	12.6	1.1	.1														216													216		169	71		
73	.3	7.7	3.0	1.6															93													93		325	234		
71		3.8	.9	.1															36													36		134	251		
69		1.3	.4																13													13		43	118		
67		.3	.3																4													4		16	37		
65																																		6	17		
63																																		1	6		
61																																			1		
TOTAL	.3	32.8	43.7	17.2	4.3	1.3	.3	.1																								744		744	744		
Element (X)	Σ X <sup>2</sup>			Σ X			Σ	Σ <sub>n</sub>	No. Obs.			Mean No. of Hours with Temperature										Total															
Rel. Hum.	5376811			63035			84.7	6.981	744			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb	4394285			57131			76.8	3.125	744					93.0	86.4	15.9		93																			
Wet Bulb	4015182			54630			73.4	2.274	744					92.1	68.0	.5		93																			
Dew Point	3845728			53460			71.9	2.425	744					90.0	39.3	.4		93																			

## PSYCHROMETRIC SUMMARY

13089                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

JUL  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

13c89                      JACKSONVILLE FL  
STATION                      STATION NAME

73-RD

**YEARS**

**AUG**  
**MONTH**

PAGE 1

0000-0200  
HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

17089      JACKSONVILLE FL  
STATION      STATION NAME

73-80

YEARS

AUG  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

AUG  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13889 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS AUG MONTH  
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
98/ 97									.1	.3								3	3																	
96/ 95								.8	.7									11	11																	
94/ 93						.1	1.5	2.6	.7	.3	.1							39	39																	
92/ 91						1.3	5.9	5.5	1.7	.3								110	110																	
90/ 89					.4	4.6	14.8	4.3	.7	.3								186	186																	
88/ 87					2.0	12.2	8.2	.7	.1									173	173																	
86/ 85				.8	5.6	4.7	.5											87	87																	
84/ 83			.4	2.2	2.0	1.2	.3											45	45														2			
82/ 81			1.2	1.3	.7	.5	.1											29	29														42			
80/ 79		.4	1.9	.5														21	21													211	3			
78/ 77		1.1	.9															15	15													311	53			
76/ 75		1.3	.8															16	16													119	212			
74/ 73	.1	.9																8	8													44	266			
72/ 71		.1																1	1													15	130			
70/ 69																																			50	
68/ 67																																			23	
66/ 65																																			5	
64/ 63																																			2	
TOTAL	.1	3.9	5.2	4.8	10.8	24.7	31.3	13.8	4.0	1.1	.1							744	744													744	744			
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature										Total															
Rel. Hum.	3092061		47349		63.6		10.293		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																			
Dry Bulb	5714843		65127		87.5		4.320		744				93.0	92.9	87.0	6.6	93																			
Wet Bulb	4481737		57725		77.6		2.012		744				93.0	91.1	12.0		93																			
Dew Point	4022113		54675		75.5		2.367		744				92.1	66.8			93																			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 73-80 YEARS AUG MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
100/ 99									.1									1	1			
98/ 97										.1								1	1			
96/ 95								.3	.5	.5								10	10			
94/ 93							.8	1.7	.9	.5								30	30			
92/ 91						.1	2.8	2.7	2.6	.4	.1							65	65			
90/ 89				.1	.1	5.1	6.6	2.2	.5									109	109			
88/ 87				.3	1.1	10.3	6.6	.5										140	140			
86/ 85				.7	6.9	5.5	1.6		.1									110	110			
84/ 83	.1			3.6	5.8	1.3	.4											84	84	4		
82/ 81		1.6	3.8	1.7	.4	.1												57	57	20	1	
80/ 79	.4	3.2	2.3	.4	.4													50	50	130	5	
78/ 77	1.3	2.0	1.1	.1	.1													35	35	285	29	
76/ 75	2.4	1.5	.3															31	31	189	175	
74/ 73	1.9	.7																19	19	81	278	
72/ 71	.3																	2	2	27	152	
70/ 69																				8	74	
68/ 67																					23	
66/ 65																					2	
64/ 63																					4	
62/ 61																					1	
TOTAL	6.5	9.0	12.1	16.1	23.4	19.0	7.4	4.8	1.6	.1								744	744	744	744	
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	3472849		50089		67.3		1.640		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	5451573		63573		85.4		5.112		744				93.0		92.8		80.0		5.3		93	
Wet Bulb	4383104		57080		76.7		2.292		744				93.0		88.6		8.4				93	
Dew Point	3977294		54368		73.1		2.416		744				92.1		61.0		.5				93	

## PSYCHROMETRIC SUMMARY

**YEARS**

AUG  
MONTH

**NOUNS (L. S. T.)**

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

AUG  
MONTH

HOURS (L, S, T)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

AUG  
MONTH

ALL  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13689                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

SEP  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13289                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

SEP

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

73-80

YEARS

SEP  
MONTH

PAGE 1 0600-0  
HOURS (L. S.)

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

AD-A113 157 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE IAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (11)  
DEC 81  
UNCLASSIFIED USAFETAC/DS-82/004 SBI-AD-E850 13A NI

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JACKSONVILLE IAP, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (1)  
DEC 81

UNCLASSIFIED

USAFETAC/DS-82/004

SBI-AD-E850 13A

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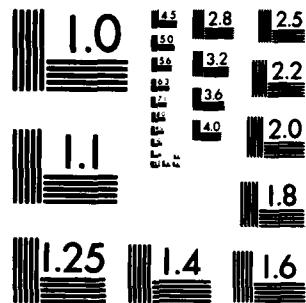
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A.

## PSYCHROMETRIC SUMMARY

17689                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

**SEP**  
**MONTH**

PAGE 1 0900-1100  
HOURS (L, S, T,)

[illegible]

## PSYCHROMETRIC SUMMARY

73-80

**YEARS**

SEP  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

13289                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

SEP  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

SEP  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13689                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

SEP  
MONTH

PAGE 1

HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

SEP  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

OCT

**MONTH**

PAGE 1

0000-0200  
HOURS (L. S. T.)

HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

QCI  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13889      JACKSONVILLE FL  
STATION      STATION NAME

73-80

**YEARS**

ACT  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17889 JACKSONVILLE FL 73-80 OCT  
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87						.1												1	1					
86/ 85						.5	.1											5	5					
84/ 83				.5	.9	1.2		.3	.1	.1								24	24					
82/ 81			.3	1.3	2.0	1.9	.5	.4										48	48					
80/ 79			1.2	2.8	1.1	2.7	.7	.5		.1								68	68	1				
78/ 77		.3	1.5	3.5	1.9	1.5	1.1	.5	.1	.3								79	79	9				
76/ 75	.1	1.1	2.4	3.1	1.7	1.6	1.1	.3	.1	.1								87	87	41	8			
74/ 73		1.6	2.0	3.4	1.1	1.5	.8	.1	.4									81	81	73	37			
72/ 71	.4	2.0	2.0	2.3	1.2	.9	1.1	.1	.1									76	76	97	62			
70/ 69		1.7	1.2	.8	2.2	1.3	.7											59	59	90	79			
68/ 67	.1	.9	1.7	2.0	1.2	.9		.3	.3									56	56	75	84			
66/ 65		.9	1.6	2.3	.7	.5	.1	.4										49	49	60	61			
64/ 63		1.1	2.0	.9	.3	.4	.4											38	38	58	54			
62/ 61		.4	.4	.8	.5	.3	.3	.1										21	21	75	56			
60/ 59		.5	1.2	.5	.7	.3												24	24	55	46			
58/ 57		.3	.4	.1	.1	.1	.1											9	9	33	61			
56/ 55			.3	.5	.4	.1												10	10	23	54			
54/ 53			.1	.4	.4													4	4	20	38			
52/ 51		.1		.4	.1													5	5	11	16			
50/ 49																				11	22			
48/ 47																				7	17			
46/ 45																				5	11			
44/ 43																					8			
42/ 41																					9			
40/ 39																					10			
38/ 37																					8			
36/ 35																					1			
34/ 33																					2			
TOTAL	.7	11.0	18.4	25.4	16.5	16.0	7.0	3.1	1.2	.7								744	744	744	744			
Element (X)	Σx <sup>2</sup>		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	3832491		52385		70.4		3.925		744		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F			
Dry Bulb	3915076		53718		72.2		7.014		744						73.0		49.1		14.4					
Wet Bulb	3248741		48895		65.7		3.903		744						48.3		15.5							
Dew Point	2877806		45818		61.6		3.696		744						33.8		5.6							



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13589 JACKSONVILLE FL 73-80 OCT  
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
92/ 91							.1											1	1					
91/ 89						.3		.4	.4			.3						10	10					
88/ 87						.5	.4	.8	.5	.4	.3	.1						23	23					
86/ 85					.3	1.2	1.3	.8	.5	.4								34	34					
84/ 83					1.3	2.0	1.9	1.7	.3	.8								60	60					
82/ 81				.9	1.6	3.9	2.0	.9	1.5	.7	.4	.1						90	90					
80/ 79			.3	1.7	3.1	3.2	3.1	1.5	1.2	.9	.1	.3						115	115	3				
78/ 77	.1	.1	.5	1.7	3.1	3.1	2.7	1.9	.8	.7								110	110	12	1			
76/ 75		.3	.7	3.0	1.9	2.4	1.7	1.1	.5	.5								90	90	38	6			
74/ 73		.9	1.2	.7	.7	1.3	1.5	.8	.9	.5	.1							65	65	90	18			
72/ 71		.5	.5	.7	.5	1.3	1.2	.1	.3	.5								43	43	105	41			
70/ 69		.1	.3	.1	1.9	.8	.4	.4	.1	.4								34	34	108	90			
68/ 67		.5		.1	1.2	.3		.4	.3	.3								23	23	80	84			
66/ 65		.3	.1	.3		.1	.4	.5	.1									14	14	81	60			
64/ 63		.3	.5	.7		.3	.4	.3										18	18	51	62			
62/ 61		.1	.4	.1	.1		.3											8	8	62	64			
60/ 59		.1		.1		.1												3	3	43	34			
58/ 57					.3													2	2	25	57			
56/ 55				.1														1	1	14	76			
54/ 53																				13	32			
52/ 51																				13	20			
50/ 49																				6	21			
48/ 47																					15			
46/ 45																					11			
44/ 43																					9			
42/ 41																					14			
40/ 39																					12			
38/ 37																					11			
36/ 35																					3			
34/ 33																					1			
32/ 31																					2			
TOTAL	.1	3.4	4.6	10.3	16.0	21.0	17.5	11.7	7.5	6.2	.9	.8						744	744		744			
																		744		744				
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	2686733		43343		58.3		4.753		744		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	4455019		57395		77.1		6.067		744						87.3		74.8		34.8				93	
Wet Bulb	3367371		49847		67.0		6.105		744						54.5		17.9		.1				93	
Dew Point	2788862		45066		60.6		8.919		744				.3		30.0		3.1						93	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13489 JACKSONVILLE FL 73-80 OCT  
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94 / 93								.1										1	1		
92 / 91									.1	.1								2	2		
90 / 89							.1	.4		.1								5	5		
88 / 87						.3	.1	.1	.4	.1	.4	.1						12	12		
86 / 85					.1	.3	.9	.5	.1	.5	.3							21	21		
84 / 83				.3	1.2	1.6	.9	.9	.5	.7								46	46		
82 / 81			.1	.7	2.4	2.8	1.5	.3	1.1	.1	.5	.3						73	73		
80 / 79	.1		.4	2.7	2.3	2.2	1.7	.9	1.1	.8	.3							93	93	3	1
78 / 77		.4	.5	2.6	3.8	2.6	1.5	1.7	.1	.3	.1							101	101	9	
76 / 75		.1	1.3	2.4	2.2	3.6	1.6	.7	.8	1.2	.3							106	106	32	8
74 / 73		.9	1.6	1.6	2.2	2.2	1.9	.4	.1	.8	.4							90	90	80	18
72 / 71		1.1	1.3	1.2	1.1	1.1	.8	.1	.5	.5								58	58	99	45
70 / 69		.8	.7	.3	1.1	.9	.5			.4								35	35	88	82
68 / 67		.9	.3	.1	1.1	.5	.1	.5	.8	.1								34	34	95	72
66 / 65		.5	.3	1.3	1.1	.3	.7	.4										34	34	94	82
64 / 63		.5	.3	.4	.1	.1	.4	.1										15	15	60	53
62 / 61		.1	.1	.9			.3	.1										12	12	50	57
60 / 59			.1	.1														2	2	45	48
58 / 57																				31	50
56 / 55				.1	.1													2	2	20	68
54 / 53				.1														1	1	19	37
52 / 51					.1													1	1	13	22
50 / 49																				2	19
48 / 47																				3	11
46 / 45																				1	8
44 / 43																					12
42 / 41																					13
40 / 39																					15
38 / 37																					12
36 / 35																					3
34 / 33																					3
32 / 31																					4
30 / 29																					1
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

OCI

**MONITOR**

PAGE 2 1500-1700  
HOURS (L. S. T.)

**USAFETAC** **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**  
**JUN 71**

## PSYCHROMETRIC SUMMARY

YEARS

OCT  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

OCI  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 73-80 001  
STATION STATION NAME YEARS MONTH

PAGE 1 ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Po.				
94/ 93								.0										1	1					
92/ 91							.0		.0	.0								3	3					
90/ 89						.0	.0	.1	.1	.0		.0						15	15					
88/ 87						.1	.1	.1	.1	.1	.1	.0						36	36					
86/ 85					.1	.3	.3	.2	.1	.1	.0							61	61					
84/ 83				.1	.5	.6	.4	.4	.1	.2								132	132					
82/ 81			.1	.4	.8	1.1	.5	.2	.3	.1	.1	.1						216	216					
80/ 79	.0	.0	.3	1.0	.9	1.0	.7	.4	.3	.2	.1	.0						293	293	7	1			
78/ 77	.0	.3	.7	1.2	1.2	.9	.7	.5	.1	.2	.0							341	341	34	1			
76/ 75	.0	.7	1.5	1.5	.8	1.0	.6	.3	.2	.2	.0							405	405	128	29			
74/ 73		2.0	1.6	1.0	.6	.8	.5	.2	.2	.2	.1							423	423	330	105			
72/ 71	.2	4.1	1.8	.8	.5	.5	.4	.1	.1	.1								511	511	538	318			
70/ 69	.5	4.5	1.8	.5	.7	.4	.2	.1	.0	.1								526	526	678	581			
68/ 67	.8	3.5	1.8	.9	.5	.2	.0	.2	.2	.1								485	485	598	615			
66/ 65	.8	3.9	1.1	.8	.3	.2	.2	.2	.0									449	449	605	575			
64/ 63	.4	3.3	1.5	.6	.1	.1	.2	.1										377	377	514	438			
62/ 61	.2	3.3	.9	.6	.2	.1	.1	.0										319	319	481	452			
60/ 59	.3	2.9	1.0	.4	.2	.1	.0											292	292	451	441			
58/ 57	.2	2.4	.7	.2	.2	.1	.0											218	218	342	489			
56/ 55	.2	2.0	.7	.4	.2	.0	.0											210	210	277	447			
54/ 53	.4	1.6	.5	.2	.1													171	171	231	304			
52/ 51	.3	1.3	.4	.2	.0													132	133	215	219			
50/ 49	.3	1.3	.3	.0	.0													112	115	177	229			
48/ 47	.1	1.0	.1	.1														75	77	117	163			
46/ 45		.7	.0	.0														47	47	82	141			
44/ 43		.6	.0	.0														38	38	52	97			
42/ 41	.0	.5	.0															30	30	37	103			
40/ 39	.1	.3	.0															22	22	31	80			
38/ 37		.1																5	5	18	61			
36/ 35	.0																	1	1	3	32			
34/ 33																					14			
32/ 31																					10			
30/ 29																					1			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

**YEARS**

OCI  
MONTH

PAGE 2

HOURS (L, S, T.)

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-AD

YEARS

NOV  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

NOV  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13589                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

NOV

**MONTH**

PAGE 1 0600-0800  
HOURS (L - S - T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL  
STATION STATION NAME

73-80

YEARS

NOV  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1	.1												2	2	
80/ 79				.4	.7	.8	.3											16	16	
78/ 77		.1	.7	1.4	1.4	.3	.3											30	30	
76/ 75		.7	1.3	2.1	2.8	1.4	.1											60	60	5
74/ 73	.1	1.4	2.1	2.2	.8	1.1	.3	.1										59	59	23 7
72/ 71		1.9	2.4	.8	.6	.6	.4											48	48	46 26
70/ 69	.4	3.3	2.1	1.3	1.3	.7	.3											67	67	68 34
68/ 67	.7	2.4	1.7	1.1	1.1	.1	.6	.3										57	57	72 74
66/ 65	.7	3.6	1.4	1.3	.6	.7	.4	.1										63	63	60 69
64/ 63		2.1	1.5	.8	.4	.4	.7	.6										47	47	57 50
62/ 61	.3	1.8	1.3	1.3	1.3	.3	.4	.3										49	49	56 51
60/ 59		1.7	.8	.7	.6	.7	.6	.1										37	37	44 44
58/ 57	.4	1.1	.7	.7	.7	.4	.3		.1									32	32	36 39
56/ 55	.6	1.1	.7	.3	.6	.6	.7											32	32	42 48
54/ 53	.3	.4	.8	.8	1.0	.4	.6	.1										32	32	34 31
52/ 51		.3	.3	1.1	1.0	.1	.4											23	23	20 22
50/ 49	.1	.4	.4	.3	.1	.3	.1											13	13	31 30
48/ 47		.3	.8	1.0	.7	.4												23	23	24 21
46/ 45		.1	.8	.6														11	11	29 15
44/ 43		.1	.1	.4	.3													7	7	21 13
42/ 41		.1	.3	.1														4	4	22 27
40/ 39			.1	.1														2	2	11 16
38/ 37			.1	.6														5	5	11 20
36/ 35																				1 22
34/ 33			.1															1	1	2 11
32/ 31																				5 11
30/ 29																				9
28/ 27																				12
26/ 25																				4
24/ 23																				7
22/ 21																				3
20/ 19																				3
18/ 15																				1
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

## PSYCHROMETRIC SUMMARY

1389                      JACKSONVILLE FL  
STATION                      STATION NAME

23-80

YEARS

NOV  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

73-80

**YEARS**

NOV  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13289                      JACKSONVILLE FL  
STATION                      STATION NAME

73-AD

YEARS

NOV  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point					
94/ 93								.8										6	6							
92/ 81					.4	.8	.7	.8	.1									21	21							
90/ 79					1.4	1.3	1.3	1.3	.1	.1								42	42							
88/ 77			.8	1.5	3.5	2.4	1.4	.6	.4									76	76							
86/ 75		.3	1.0	3.1	2.4	2.1	1.4	1.1	1.0	.3	.1	.1						92	92	1						
84/ 73		.6	.8	3.8	1.0	2.2	.8	.4	1.4	.4	.1							83	83	25	3					
82/ 71		.7	2.2	.8	1.8	1.0	.6	1.1	.6	.1								64	64	49	22					
80/ 69	.1	.3	1.1	1.1	1.9	.8	1.1	1.1	.3									57	57	75	23					
68/ 67		1.8	1.1	1.1	.8	.7	.7	.6	.4									57	57	94	45					
66/ 65		1.4	.7	1.3	.7	1.3	.4	.7	.6	.3	.3							54	54	70	61					
64/ 63		.4	.7	.7	1.0	1.1	.3		.7	.3								37	37	63	61					
62/ 61		.4	.4	.4	.7	.3	.4	.6	.7	.1								29	29	51	53					
60/ 59		.8	.3	.1	.7	.6	.3	.8	.3	.1								29	29	50	44					
58/ 57	.1	.3	.3	.1	.1	.4	.8	.3	.1									19	19	49	67					
56/ 55		.1	.3		.4	1.0	.8	.1										20	20	43	39					
54/ 53			.1	.1	.1	.3	.4	.6										12	12	24	28					
52/ 51		.4		.4	.1		.1											8	8	21	15					
50/ 49		.3	.6			.1	.1	.1										9	9	18	23					
48/ 47				.1		.1												2	2	28	29					
46/ 45																				32	36					
44/ 43																				10	23					
42/ 41					.3													2	2	7	12					
40/ 39				.1														1	1	5	13					
38/ 37																				2	13					
36/ 35																					13					
34/ 33																				3	14					
32/ 31																					14					
30/ 29																					10					
28/ 27																					9					
26/ 25																					10					
24/ 23																					7					
22/ 21																					5					
20/ 19																					2					
16/ 15																					6					
Element (X)	ΣX <sup>2</sup>			ΣX			Σ		Σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																										
Wet Bulb																										
Dew Point																										

## PSYCHROMETRIC SUMMARY

12-89                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

NOV  
MONTH

PAGE 2 1500-170  
HOURS 11:55 - 12:00



**2**

○

73-80

**YEARS**

NOV  
MONTH

1600-2000  
HOURS (L.S.T.)

FORM 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13889                      JACKSONVILLE FL  
STATION                      STATION NAME

73-AC

YEARS

NOV  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-89 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS NOV MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
87/87								.0											1	1			
86/85								.0											1	1			
84/83							.1	.1											15	15			
83/81			.0	.1	.2	.4	.4	.2	.0										69	69			
81/79			.1	.2	.6	.6	.5	.4	.1	.1									144	144			
79/77		.0	.3	.5	1.2	.7	.5	.1	.1										196	196	1		
78/75		.1	.4	1.0	.9	.7	.4	.3	.2	.1	.0	.0							237	237	14	1	
74/73	.1	.6	.7	1.2	.4	.7	.3	.2	.3	.1	.1								270	270	86	20	
71/71	.1	1.9	1.2	.4	.4	.4	.3	.2	.2	.1									300	300	205	67	
69/69	.8	2.6	1.5	.5	.5	.3	.3	.3	.1	.0									397	397	417	233	
67/67	.9	3.5	1.4	.4	.5	.2	.2	.3	.2	.1									428	428	482	362	
66/65	.9	3.9	.9	.5	.3	.4	.3	.2	.2	.1	.1								439	439	462	464	
64/63	.7	3.3	1.0	.4	.3	.3	.2	.1	.1	.1	.0								375	375	451	452	
62/61	.8	2.9	.9	.5	.4	.1	.1	.2	.1	.1									345	345	410	388	
59/59	.3	3.3	.7	.3	.3	.2	.1	.2	.1	.0									330	330	377	375	
57/57	.8	2.6	.5	.3	.2	.3	.2	.1	.1										296	296	367	406	
55/55	.9	2.0	.5	.3	.2	.3	.3	.0											261	261	345	364	
54/53	1.0	1.4	.7	.5	.3	.2	.2	.2											250	250	264	295	
52/51	.5	1.7	.8	.5	.3	.1	.1												225	225	214	188	
50/49	.6	2.0	.9	.4	.2	.2	.1	.0											251	251	251	228	
47/47	.4	1.4	.5	.4	.2	.1													175	175	285	228	
46/45	.1	1.5	.5	.3	.1	.0													144	144	235	231	
44/43	.2	1.4	.5	.4	.1	.0													149	149	209	203	
42/41	.1	1.0	.4	.2	.1														103	103	155	188	
40/39	.2	.8	.5	.2	.0														100	100	126	157	
38/37	.1	.9	.4	.2															88	88	107	145	
36/35	.0	1.0	.2																72	72	105	136	
34/33		.9	.1																55	55	102	112	
32/31	.0	.6																	36	36	55	168	
30/29		.1																	4	4	29	97	
28/27		.1																	4	4	3	82	
26/25																					3	51	
24/23																						37	
22/21																						15	
Element (X)	Σ X <sup>2</sup>		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature											Total	
Rel. Hum.											≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

73-80

YEARS

NOV  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-89 STATION JACKSONVILLE FL 73-80 YEARS DEC MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
74 / 73		.1	.1															2	2					
72 / 71		.5	.5															8	8	1	1			
70 / 69		.7																5	5	13	2			
68 / 67	.9	.5	.4															14	14	11	21			
66 / 65	1.3	2.3	.7															32	32	15	14			
64 / 63	.7	3.0	.3				.4											32	32	29	19			
62 / 61	.9	4.2	.8		.1													45	45	31	32			
60 / 59	.1	4.0	.7															36	36	40	33			
58 / 57	.7	3.2	.7	.3														36	36	42	40			
56 / 55	.4	3.2	.5	.1														32	32	32	37			
54 / 53	1.3	3.1	.3	.1														36	36	38	36			
52 / 51	2.3	4.3	.4	.4	.1													56	56	49	43			
50 / 49	.3	3.6	.5	.1														34	34	36	38			
48 / 47	1.5	2.8	.7	.3	.1													40	40	38	34			
46 / 45	1.3	3.6	2.0	.3	.4													57	57	47	41			
44 / 43	.4	3.1	.8		.1													33	33	36	24			
42 / 41	.4	2.4	1.3	.8														37	37	34	30			
40 / 39	.5	2.6	2.4	.5														45	45	37	32			
38 / 37	.7	4.3	.8	.5														47	47	43	43			
36 / 35	.7	2.6	1.1	.4														35	35	53	36			
34 / 33		2.6	1.5	.7														35	35	30	34			
32 / 31		3.0	.3															24	24	37	26			
30 / 29		2.0	.1	.1														17	17	28	34			
28 / 27	.1	.4	.3															6	6	18	34			
26 / 25																				4	28			
24 / 23																				2	12			
22 / 21																					7			
20 / 19																					4			
18 / 17																					4			
16 / 15																					2			
14 / 11																					3			
TOTAL	14.7	62.1	17.2	4.7	.9		.4											744	744		744			
																		744		744				
Element (X)	Σx²		Σx		Σ	Σ²	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	5660938		64306		86.4	1.762	744		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1851566		36216		48.7	0.924	744			5.9	3.6	.3			93									
Wet Bulb	1728729		34873		46.9	1.257	744			11.1	3.1				93									
Dew Point	1607384		33246		44.7	2.802	744			19.3	3.0				93									

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-89 STATION JACKSONVILLE FL STATION NAME 73-80 YEARS DEC MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B.	W.B.	D.P.
74/ 73		.1	.4															4	4					
72/ 71		.1		.1														2	2	1	1			
70/ 69		.8	.1															7	7	6	1			
68/ 67	.7	.3	.1															8	8	10	15			
66/ 65	.5	2.0	.9															26	26	12	8			
64/ 63	.5	1.5	.4															18	18	18	13			
62/ 61	1.2	5.2	.1															49	49	32	31			
60/ 59	.5	3.5	.3															32	32	51	48			
58/ 57	1.7	3.0	.9	.1														43	43	38	40			
56/ 55	.9	2.4	.9															32	32	32	31			
54/ 53	1.7	1.9	.1															28	28	33	35			
52/ 51	1.3	4.2	.3															43	43	29	26			
50/ 49	.8	4.8	.7	.1														48	48	44	35			
48/ 47	.8	4.4	.5	.3														45	45	46	48			
46/ 45	1.2	3.5	.5															39	39	52	50			
44/ 43	.5	3.2	.9	.1														36	36	30	25			
42/ 41	.3	2.4	1.2	.3														31	31	31	29			
40/ 39	.9	3.5	1.5	.7	.1	.1												51	51	31	32			
38/ 37	.3	4.0	1.2	.7	.1													47	47	42	21			
36/ 35	.5	3.6	1.2	.7	.1													46	46	44	43			
34/ 33	.8	2.6	1.5	.3														38	38	51	28			
32/ 31	.3	3.8	.1															31	31	33	40			
30/ 29	.3	2.4	.4															23	23	42	29			
28/ 27	.1	1.5	.1															13	13	21	34			
26/ 25	.1		.4															4	4	12	29			
24/ 23																					25			
22/ 21																					3	11		
20/ 19																						8		
18/ 17																						3		
16/ 15																						1		
14/ 11																						4		
TOTAL	16.3	64.8	15.1	3.4	.4	.1												744	744	744	744			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	5791098		65142		87.6		10.852		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					93			
Dry Bulb	1750281		35121		47.2		1.150		744			8.9	2.6	.5							93			
Wet Bulb	1645539		33933		45.6		1.478		744			13.9	2.1								93			
Dew Point	1541401		32459		43.6		2.986		744			23.0	2.1								93			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL  
STATION STATION NAME

73-80  
YEARS

DEC  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.1																1	1						
70/ 69	.3	.8																8	8	7	2				
68/ 67	.7	.5	.3															11	11	9	11				
66/ 65	.7	2.0	.5															24	24	9	12				
64/ 63	.9	2.7		.1														28	28	34	25				
62/ 61	1.6	2.6	.1	.1	.1													34	34	31	31				
60/ 59	1.3	3.0	.4	.3	.3													39	39	36	35				
58/ 57	1.5	3.2	.1															36	36	33	33				
56/ 55	.7	3.8	.4															36	36	31	26				
54/ 53	1.6	1.7		.1														26	26	39	41				
52/ 51	1.3	2.6	.7															34	34	31	26				
50/ 49	.8	5.2	.7	.3														52	52	31	33				
48/ 47	1.7	4.0	1.2															52	52	54	43				
46/ 45	.1	4.6	.1															36	36	39	37				
44/ 43	.4	3.6	.1	.4														34	34	47	40				
42/ 41	.5	1.7	1.2	.9														33	33	21	31				
40/ 39	.1	3.6	.9	.1														36	36	25	25				
38/ 37	.8	4.2	.8	.9														50	50	44	29				
36/ 35	.7	3.4	2.4	.1														49	49	50	28				
34/ 33	.9	2.6	1.2	.4														38	38	46	45				
32/ 31	.4	3.5	.9	.1														37	37	35	40				
30/ 29	.3	2.0	.1															18	18	40	26				
28/ 27	.3	2.3																19	19	25	31				
26/ 25	.1	1.1	.1															10	10	19	39				
24/ 23			.4															3	3	5	19				
22/ 21																				3	15				
20/ 19																					11				
18/ 17																					3				
16/ 15																					4				
14/ 13																					1				
12/ 11																					2				
TOTAL	17.9	64.8	12.9	4.0	.4													744		744	744				
																		744		744					
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.	5799909		65211		87.6		10.6		46		744		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			Total				
Dry Bulb	1717526		34728		46.7		1.3		97		744			10.9	2.5						93				
Wet Bulb	1616314		33562		45.1		1.7		35		744			15.9	2.0						93				
Dew Point	1512604		32092		43.1		3.1		42		744			23.9	1.6						93				

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

17-89  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
YEARS

YEARS

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb Dew Point			
76/ 75			.5	.1	.3	.3	.1											10	10				
74/ 73		.3	.4	.5	.4	.5												16	16	2	1		
72/ 71	.1	.5	.5	.5	.8	.3												21	21	7	3		
70/ 69		1.5	1.2	.7		.1	.3											28	28	11	12		
68/ 67	.3	1.7	1.6	1.3	.1	.1												39	39	23	14		
66/ 65	.3	1.6	.9	.9	.7	.1	.1	.3										37	37	39	22		
64/ 63	.4	4.4	.7		.1	.3	.4	.1										48	48	55	37		
62/ 61	.7	3.4	1.5	.7	.1	.7	.1											53	53	45	51		
60/ 59		2.8	1.3	.8	.7	.9	.3	.1										52	52	38	48		
58/ 57	.1	3.1	.9	.8	.9	.7	.3											51	51	42	32		
56/ 55	.1	2.0	.9	.4	.8	.7	.1											38	38	43	40		
54/ 53	.4	1.2	1.7	.5	.3	.1	.1											33	33	30	35		
52/ 51	.3	3.0	1.9	1.5	.7	.4	.3											59	59	51	26		
50/ 49	.5	1.6	1.9	1.3	.7	.4												48	48	51	43		
48/ 47	.1	1.1	1.6	.9	.9	.3	.1											38	38	45	27		
46/ 45		.9	2.3	.9	.7													36	36	42	24		
44/ 43		1.6	1.6	1.2	.8	.1												40	40	36	41		
42/ 41		.4	.9	1.2	.7	.1												25	25	42	36		
40/ 39		1.1	.8	.4	.5													21	21	31	30		
38/ 37		.7	.8	.8	.3													19	19	34	40		
36/ 35	.1	.5	.7	1.5														21	21	22	33		
34/ 33			.5															4	4	19	18		
32/ 31		.1	.4															4	4	18	32		
30/ 29		.1		.1														2	2	13	23		
28/ 27																				3	18		
26/ 25			.1															1	1	1	18		
24/ 23																				1	4		
22/ 21																					8		
20/ 19																					14		
18/ 17																					7		
16/ 15																					4		
14/ 13																					3		
TOTAL	3.5	33.7	25.9	17.3	10.5	6.2	2.3	.5										744	744	744	744		
Element (X)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4407247		55867		75.1		16.899		744		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2332587		40931		55.0		10.427		744			.9	14.3	3.3			93						
Wet Bulb	2021606		37944		51.0		10.787		744				4.5	5.4	.3		93						
Dew Point	1757762		34756		46.7		3.436		744				16.4	3.8	.1		93						



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13689 JACKSONVILLE FL 73-80 DEC  
STATION STATION NAME YEARS MONTH  
PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
82/ 81					.4	.4												6	6															
81/ 79					.1	.3	.4	.1	.1									9	9															
76/ 77				.7	.8	1.1	.4	.8										28	28															
76/ 75		.1	.3	1.1	1.5	2.0	.8			.1								44	44															
74/ 73		.5	.3	1.6	.9	1.3	1.1	.7	.3		.1							51	51	11														
72/ 71		.1	.8	1.6	1.1	.8	.7	.4	.5	.4								48	48	13														
70/ 69		.3	1.3	1.3	1.2	.5	.7	.4	.4	.4								49	49	21														
68/ 67			.9	.1	.5	1.2	.7	.1	.5	.1								32	32	42														
66/ 65		2.6	.8	1.3	.4	.5	1.1	.8	.7	.1								62	62	61														
64/ 63		1.7	.5	.8	1.3	1.6	.4	.7	1.3									63	63	56														
62/ 61		1.5	.7	.8	1.3	1.1	.7	.7	.4	.1								54	54	44														
60/ 59		1.2	1.2	.5	.5	.8	.9	1.2	.3									50	50	51														
58/ 57	.1	.8	.5	.3	1.1	.5	.5	.3	.3									33	33	44														
56/ 55	.1	1.1	.1	1.1		1.7	.9	.4	.1									42	42	38														
54/ 53	.3	2.2	.1	1.2	1.1	.8	.4											45	45	57														
52/ 51	.5	.7	.7	.4	.9	.8	.8	.4										39	39	55														
50/ 49		.1	.3	.9	.3	.5	.8											22	22	44														
48/ 47		.1	.8	.5	1.1	.7	.4											27	27	43														
46/ 45		.1	.3		1.1	.7	.1											17	17	37														
44/ 43			.5	.1	.4	.8												14	14	38														
42/ 41				.1	.1	.3												4	4	21														
40/ 39			.1	.1	.1													3	3	23														
38/ 37				.3														2	2	24														
36/ 35																				10														
34/ 33																				8														
32/ 31																				3														
30/ 29																																		
28/ 27																																		
26/ 25																																		
24/ 23																																		
22/ 21																																		
20/ 19																																		
18/ 17																																		
16/ 15																																		
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ															
Rel. Hum.																																		
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		
Mean No. of Hours with Temperature																				Total														
																≤ 50 F	≤ 52 F	≤ 57 F	≤ 73 F	≤ 80 F														
																≤ 93 F				Total														
																				Total														

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17-89 STATION JACKSONVILLE FL 73-80 YEARS DEC MONTH  
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1											1	1		
82/ 81					.1	.4		.1										5	5		
80/ 79				.1	.4	.5		.3	.1									11	11		
78/ 77			.1	.5	.3	.8	1.1	.4										24	24		
76/ 75			.3	.7	1.1	1.2	.7		.1	.1								31	31		
74/ 73			.5	.7	1.3	2.2	.7	.4	.1	.1	.1							46	46	7	
72/ 71		.7	.7	1.3	1.2	1.5	.1	.1	.4	.8								51	51	11	3
70/ 69			.9	1.2	.7	.8	.9	.3	.7	.1								42	42	24	11
68/ 67		.4	.4	.3	.9	.7	.7		.3	.7	.1							33	33	32	12
66/ 65	.4	1.5	1.9	.8	.7	.4	.8	1.1	.4	.3								61	61	51	28
64/ 63		2.0	1.1	.8	.9	.8	.1	1.1	.8	.3								59	59	60	27
62/ 61	.4	1.7	2.0	1.3	1.1	1.1	1.1	.8	.1	.3								74	74	45	54
60/ 59	.1	.9	.9	1.5	.4	.3	1.2	1.2	.5									53	53	51	42
58/ 57	.3	.3	.9	.9	.4	.9	.8	.1	.1	.1								37	37	54	54
56/ 55	.1	1.1	1.5	.7	.5	.8	1.5	.1										47	47	40	50
54/ 53	.5	.5	.3	1.2	.7	1.1	1.2	.3										43	43	63	29
52/ 51	.3	1.2	.4	.7	.4	.5	.7	.4										34	34	46	44
50/ 49	.1	.5	.5	.4		.9	1.1											27	27	49	35
48/ 47		.5	.3	.3	.4	1.1	.8											25	25	48	33
46/ 45		.1	.7	.4	.5	.7	.5											22	22	42	26
44/ 43		.5	.3		.3	.5												12	12	33	26
42/ 41			.1	.1														3	3	24	27
40/ 39				.1	.3													3	3	21	24
38/ 37																				27	35
36/ 35																				10	27
34/ 33																				6	20
32/ 31																					23
30/ 29																					25
28/ 27																					19
26/ 25																					14
24/ 23																					11
22/ 21																					12
20/ 19																					14
18/ 17																					9
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

13c89                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

DEC  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13E89                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

DEC  
MONTH

PAGE 1

1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
77 / 77					.1													1	1				
76 / 75				.5	.1													5	5				
74 / 73		.1	.1	.3														4	4				
72 / 71		.8	.7	.3	.4													16	16	1	1		
70 / 69		.3	.9	.1	.4													13	13	15	6		
68 / 67	.3	1.2	1.5	.5	.3													28	28	16	11		
66 / 65	.9	2.4	1.7	.9	.3	.3												49	49	30	22		
64 / 63	.1	3.2	1.5	.1	.5													41	41	35	28		
62 / 61	1.1	3.5	2.0	.1	.1	.1												52	52	52	35		
60 / 59	.4	3.9	.7	.7	.1													43	43	51	47		
58 / 57	.3	4.3	1.7	.9	.7	.1	.1											61	61	45	58		
56 / 55		4.2	2.0	.7	.3	.3												55	55	44	39		
54 / 53	.7	2.4	1.9	1.1	.4													48	48	56	47		
52 / 51	.1	3.2	1.6	.5	.4	.3												46	46	35	36		
50 / 49	.1	2.2	2.4	1.1	.3	.3												47	47	55	46		
48 / 47	.5	4.0	1.7	.8	1.5													64	64	40	45		
46 / 45		2.6	1.7	.7	.8	.1												44	44	61	28		
44 / 43		.8	1.9	1.6	.1	.3												35	35	41	46		
42 / 41		1.3	.8	.5	.3													22	22	36	37		
40 / 39		1.1	1.5	1.1	.3													29	29	35	36		
38 / 37		.9	.8	1.1	.1													22	22	30	33		
36 / 35		.4	.9	.5														14	14	23	20		
34 / 33		.3	.1	.1														4	4	22	16		
32 / 31		.1																1	1	14	31		
30 / 29																				6	24		
28 / 27																				1	14		
26 / 25																					11		
24 / 23																					10		
22 / 21																					6		
20 / 19																					6		
18 / 17																					3		
16 / 15																					2		
TOTAL	4.6	43.3	28.4	14.4	7.5	1.7	.1											744	744		744		
Element (X)	Σx²		Σx		X		e <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.	4821725		59001		79.31		3.864		744		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	2238094		40196		54.0		9.456		744				.1		8.4		1.3						93
Wet Bulb	1995673		37823		50.8		9.902		744				2.6		4.0								93
Dew Point	1783882		35326		47.50		1.976		744				13.4		2.3								93

## PSYCHROMETRIC SUMMARY

13c89                      JACKSONVILLE FL  
STATION                      STATION NAME

73-80

YEARS

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13-89 STATION JACKSONVILLE FL STATION NAME 23-80 YEARS DEC MONTH PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
41/ 83							.0											1	1					
42/ 81					.1	.1		.0										11	11					
43/ 79				.0	.1	.1	.0	.1	.0									20	20					
74/ 77			.0	.2	.2	.2	.2	.2										53	53					
76/ 75		.0	.1	.3	.4	.4	.2		.0	.0								90	90					
74/ 73		.2	.3	.4	.3	.5	.2	.1	.1	.0	.0							127	127	20	2			
72/ 71	.0	.4	.4	.5	.4	.3	.1	.1	.1	.2								149	149	34	13			
70/ 69	.1	.7	.6	.4	.3	.2	.2	.1	.1	.1								163	163	112	61			
68/ 67	.4	.7	.7	.3	.2	.3	.2	.0	.1	.1	.0							179	179	146	102			
66/ 65	.7	2.1	1.0	.5	.3	.2	.3	.3	.1	.1								321	321	234	144			
64/ 63	.4	2.8	.7	.3	.4	.3	.2	.2	.3	.0								331	331	311	218			
62/ 61	.9	3.4	1.0	.4	.4	.4	.2	.2	.1	.1								413	413	334	313			
60/ 59	.3	3.1	.7	.5	.3	.3	.3	.3	.1									348	348	367	345			
58/ 57	.7	2.6	.8	.5	.4	.3	.2	.1	.1	.0								330	330	337	349			
56/ 55	.4	3.0	.9	.4	.2	.4	.3	.1	.0									338	338	296	307			
54/ 53	1.0	2.1	.7	.6	.3	.3	.2	.0										302	302	380	315			
52/ 51	.9	2.8	.8	.5	.3	.3	.2	.1										349	349	330	274			
50/ 49	.4	2.7	1.0	.6	.2	.3	.2											314	314	346	289			
48/ 47	.7	2.6	1.0	.5	.5	.3	.2											337	337	352	293			
46/ 45	.4	2.6	1.3	.3	.5	.2	.1											312	319	358	274			
44/ 43	.2	2.0	.9	.5	.3	.2												241	241	308	269			
42/ 41	.2	1.4	.9	.5	.2	.1												195	195	259	237			
40/ 39	.2	1.9	1.1	.4	.2	.0												230	230	246	242			
38/ 37	.3	1.9	.7	.6	.1													209	209	283	281			
36/ 35	.3	1.6	1.0	.5	.0													208	208	244	259			
34/ 33	.2	1.2	.7	.2														139	139	212	212			
32/ 31	.1	1.5	.3	.1														115	115	166	251			
30/ 29	.1	.9	.1	.0														64	64	148	207			
28/ 27	.1	.5	.1															38	38	77	195			
26/ 25	.0	.1	.1															15	15	38	170			
24/ 23			.1															3	3	8	89			
22/ 21																				6	76			
20/ 19																					68			
18/ 17																					46			
Element (X)	Σ X²		Σ X		X		X²		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1389 JACKSONVILLE FL 73-81 YEARS MONTH

PAGE 1 ALL MONTHS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
102/101									.0										2	2				
100/99								.0	.0	.0		.0							15	15				
98/97							.0	.0	.0	.0	.0	.0	.0						45	45				
96/95						.0	.0	.0	.1	.1	.0	.0	.0						146	146				
94/93						.0	.1	.2	.2	.1	.0	.0							344	344				
92/91					.0	.1	.3	.4	.2	.1	.0	.0	.0						757	757				
90/89				.0	.0	.4	.7	.5	.1	.1	.0	.0	.0						1315	1315				
88/87				.0	.2	1.1	.7	.2	.2	.1	.1	.0	.0						1822	1822				
86/85			.0	.2	1.0	.9	.4	.2	.1	.1	.0	.0	.0						2113	2113	12			
84/83		.0	.1	.8	.9	.5	.3	.2	.1	.1	.0	.0	.0	.0					2174	2174	26			
82/81		.0	.5	1.1	.7	.5	.3	.2	.1	.1	.1	.0	.0						2515	2515	232	16		
80/79	.0	.1	1.4	1.0	.5	.5	.3	.2	.1	.1	.1	.0	.0						3122	3122	1568	73		
78/77	.0	1.0	2.0	.8	.7	.4	.4	.2	.1	.1	.1	.0	.0						4100	4100	3913	561		
76/75	.0	3.0	2.2	.9	.5	.4	.3	.2	.1	.1	.0	.0							5475	5475	5071	3180		
74/73	.2	3.8	1.6	.8	.3	.4	.3	.1	.1	.1	.1	.0	.0						5461	5461	6487	6286		
72/71	.2	3.5	1.3	.4	.4	.3	.2	.1	.1	.1	.0	.0							4661	4661	6169	7077		
70/69	.2	2.6	1.2	.4	.4	.2	.2	.1	.1	.1	.0	.0							3883	3883	5338	5993		
68/67	.2	2.2	1.1	.4	.3	.1	.1	.1	.1	.1	.0								3353	3353	4354	4740		
66/65	.4	2.4	.7	.5	.2	.2	.1	.1	.1	.0	.0								3314	3314	3945	4270		
64/63	.3	1.9	.7	.3	.2	.2	.1	.1	.1	.0	.0								2708	2708	3707	3459		
62/61	.2	1.8	.6	.3	.2	.1	.1	.1	.1	.0									2476	2476	3153	3083		
60/59	.1	1.8	.5	.3	.2	.1	.1	.1	.0	.0									2291	2291	2951	2975		
58/57	.2	1.5	.4	.3	.2	.1	.1	.1	.0	.0									2084	2084	2696	3184		
56/55	.3	1.5	.4	.3	.2	.1	.1	.1	.0										2044	2044	2383	2898		
54/53	.3	1.1	.4	.2	.2	.1	.1	.1	.0										1747	1747	2265	2476		
52/51	.2	1.1	.4	.2	.2	.1	.1	.0											1679	1680	1910	1834		
50/49	.2	1.2	.4	.2	.2	.1	.1	.0											1684	1687	1899	1908		
48/47	.2	1.0	.3	.3	.2	.1	.1	.0											1492	1494	1832	1778		
46/45	.1	1.0	.4	.2	.1	.1	.0												1384	1384	1695	1793		
44/43	.1	.7	.4	.2	.1	.1	.0												1101	1101	1413	1446		
42/41	.1	.6	.3	.2	.1	.0													905	905	1293	1267		
40/39	.1	.5	.3	.1	.1	.0													826	826	1142	1261		
38/37	.1	.5	.2	.2	.0	.0													702	702	1027	1182		
36/35	.1	.5	.2	.1	.0	.0													693	693	869	1164		
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

YEARS

**ALL**  
**MONTH**

ALL

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1-89 JACKSONVILLE FL

73-81

STATION		STATION NAME												YEARS	
HRS	LIST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1-32	MEAN	46.9	48.2	56.2	60.7	67.1	72.4	74.9	74.4	73.2	62.3	55.4	46.7	61.7	
	S D	11.676	11.038	9.396	7.302	5.286	3.403	2.757	2.251	2.841	8.256	10.414	10.924	12.920	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
1-35	MEAN	45.3	46.5	54.2	58.2	65.0	70.6	73.5	73.0	71.8	60.4	53.9	47.2	60.3	
	S D	12.225	11.440	10.121	7.733	5.786	3.481	2.749	2.207	3.093	9.489	10.836	11.150	13.183	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
1-36	MEAN	44.5	45.7	54.4	60.0	67.6	73.5	75.7	74.8	72.8	61.0	54.0	46.7	61.0	
	S D	12.619	11.600	10.245	7.923	6.056	4.174	3.713	3.344	3.805	9.423	10.898	11.397	14.184	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
-11	MEAN	51.9	54.9	64.8	72.3	78.0	82.8	84.8	84.2	81.7	72.2	64.5	55.0	70.7	
	S D	12.026	11.078	9.020	5.934	5.088	4.230	3.694	3.583	4.554	7.014	9.409	10.427	13.971	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
12-14	MEAN	59.9	62.7	71.2	77.6	82.4	86.3	88.3	87.5	85.0	77.1	71.1	62.6	76.0	
	S D	11.392	10.736	8.789	6.158	5.462	5.138	4.894	4.320	5.039	8.067	8.264	9.620	12.431	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
15-17	MEAN	60.5	63.3	71.6	77.6	81.3	84.8	86.6	85.4	83.3	75.7	69.7	62.2	75.2	
	S D	11.040	10.385	8.746	6.441	5.691	6.068	6.199	5.112	5.078	6.138	7.908	9.271	11.874	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
-20	MEAN	52.7	55.9	64.5	70.3	75.2	79.1	81.1	79.9	77.7	67.9	60.9	54.0	68.3	
	S D	10.661	10.294	8.696	6.587	5.239	5.094	5.029	4.135	3.673	6.578	8.847	9.456	12.515	
	TOTAL OBS	744	678	744	720	742	720	744	744	720	744	720	744	8764	
1-23	MEAN	48.6	50.9	59.1	64.1	69.9	74.7	76.8	76.1	74.7	64.0	57.1	50.4	63.9	
	S D	11.085	10.507	8.807	6.574	4.714	3.517	3.125	2.527	2.934	7.564	9.966	10.243	12.606	
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763	
ALL HOURS	MEAN	51.3	53.5	62.0	67.6	73.3	78.0	80.2	79.4	77.5	67.5	60.8	53.4	67.1	
	S D	12.971	12.652	11.371	10.067	8.365	7.184	6.823	6.379	6.267	9.702	11.607	11.909	14.292	
	TOTAL OBS	5952	5424	5952	5760	5947	5760	5952	5952	5760	5952	5760	5952	70123	

GLOBAL CLIMATOLOGY BRANCH  
ETAC  
AF WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1-89 JACKSONVILLE FL

73-81

STATION

STATION NAME

YEARS

HRS ELST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	44.5	45.9	53.7	58.2	64.9	70.0	72.6	72.5	71.6	60.3	53.7	46.9	59.7
S D	12.083	11.234	9.377	7.058	5.233	3.025	2.368	1.958	2.900	8.299	10.728	11.257	12.994
TOTAL OBS	744	678	744	720	744	720	744	744	720	741	720	744	8763
MEAN	43.4	44.5	52.3	56.4	63.4	68.9	71.6	71.5	70.5	58.8	52.4	45.6	58.3
S D	12.668	11.684	10.193	7.753	5.794	3.245	2.524	2.024	3.209	8.599	11.198	11.478	13.339
TOTAL OBS	744	678	744	720	744	720	744	744	720	743	720	744	8765
MEAN	42.2	43.9	52.3	57.6	65.3	70.8	73.1	72.8	71.2	59.2	52.4	45.1	58.9
S D	13.019	11.950	10.400	7.966	5.811	3.393	2.638	2.650	3.631	8.521	11.289	11.735	14.076
TOTAL OBS	744	678	744	720	744	720	744	744	720	743	720	744	8765
MEAN	48.0	49.8	58.1	63.7	70.0	74.9	77.0	77.1	75.6	65.7	59.3	51.0	64.3
S D	12.533	11.185	9.174	6.275	4.737	2.668	2.134	1.945	3.163	6.903	9.904	10.787	12.990
TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
MEAN	52.1	53.2	60.2	64.8	70.8	75.4	77.5	77.6	76.2	67.0	61.7	54.8	66.0
S D	11.359	10.347	8.461	5.801	4.563	2.883	2.416	2.012	2.859	6.105	6.892	9.784	11.583
TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
MEAN	52.1	53.3	60.3	64.7	70.4	74.8	76.8	76.7	75.7	66.4	61.1	54.6	65.6
S D	10.692	9.591	8.079	5.480	4.466	3.001	2.554	2.292	2.778	6.213	8.564	9.421	11.210
TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
MEAN	48.4	50.3	57.8	62.5	68.4	72.8	75.0	74.8	73.8	63.9	57.7	50.8	63.1
S D	11.002	10.134	8.238	5.643	4.324	2.824	2.478	2.279	2.657	6.618	9.293	9.902	11.893
TOTAL OBS	744	678	744	720	742	720	744	744	720	744	720	744	8764
MEAN	46.0	47.8	55.6	60.3	66.6	71.3	73.4	73.5	72.6	61.8	55.2	48.3	61.1
S D	11.528	10.649	8.597	6.256	4.623	2.759	2.274	1.949	2.844	7.541	10.273	10.584	12.524
TOTAL OBS	744	678	744	720	741	720	744	744	720	743	720	744	8762
MEAN	47.2	48.6	56.3	61.0	67.5	72.4	74.6	74.6	73.4	62.9	56.7	49.6	62.1
S D	12.351	11.402	9.604	7.289	5.635	3.766	3.246	3.067	3.674	8.026	10.665	11.218	12.923
TOTAL OBS	5952	5424	5952	5760	5947	5760	5952	5952	5760	5946	5760	5952	70117

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 89 JACKSONVILLE FL

73-81

STATION		STATION NAME												YEARS											
HRS. LST.		JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
C-02	MEAN	41.9	43.1	51.5	56.4	63.6	68.8	71.4	71.6	70.8	59.1	52.2	44.7	58.0											
	S D	14.249	12.866	10.510	7.540	5.574	3.127	2.410	2.020	3.058	8.816	11.845	12.802	14.088											
	TOTAL OBS	744	678	744	720	744	720	744	744	720	741	720	744	8763											
C-05	MEAN	43.7	41.9	50.5	55.0	62.5	67.9	70.7	70.6	69.9	57.8	51.0	43.6	56.9											
	S D	14.841	13.368	11.241	8.292	6.031	3.315	2.539	2.114	3.352	9.082	12.345	12.986	14.428											
	TOTAL OBS	744	678	744	720	744	720	744	744	720	743	720	744	8765											
C-08	MEAN	40.1	41.3	50.4	55.9	64.0	69.5	71.9	71.8	70.4	58.0	50.9	43.1	57.3											
	S D	15.192	13.778	11.514	8.705	6.172	3.366	2.748	2.595	3.751	9.048	12.489	13.142	15.098											
	TOTAL OBS	744	678	744	720	744	720	744	744	720	743	720	744	8765											
C-11	MEAN	43.2	44.3	52.3	57.7	65.6	71.4	73.8	74.2	73.0	61.6	55.0	46.7	60.0											
	S D	15.966	14.243	12.355	9.225	6.610	3.187	2.655	2.079	3.465	8.696	12.722	13.436	14.998											
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766											
12-14	MEAN	43.7	43.5	51.1	55.9	64.5	70.5	73.0	73.5	72.3	60.6	54.3	47.3	59.3											
	S D	16.175	15.043	12.669	9.426	6.965	3.900	2.939	2.367	3.485	8.919	13.163	13.877	15.031											
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766											
15-17	MEAN	43.1	43.0	51.2	55.8	64.4	70.2	72.7	73.1	72.4	60.4	54.2	46.9	59.0											
	S D	15.607	14.418	12.229	9.075	7.115	3.888	2.945	2.416	3.273	9.287	12.834	13.813	14.920											
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766											
-2	MEAN	43.4	44.2	52.0	56.9	64.5	69.8	72.3	72.6	72.0	61.3	55.1	47.5	59.4											
	S D	14.161	13.139	10.954	8.005	6.098	3.363	2.620	2.185	2.890	7.713	10.909	11.976	13.791											
	TOTAL OBS	744	678	744	720	742	720	744	744	720	744	720	744	8764											
1-23	MEAN	42.7	44.2	52.7	57.6	64.7	69.6	71.9	72.3	71.6	60.3	53.5	46.0	59.0											
	S D	13.890	12.565	9.829	7.067	5.312	3.076	2.425	2.010	3.037	8.101	11.458	12.138	13.731											
	TOTAL OBS	744	678	744	720	741	720	744	744	720	743	720	744	8762											
ALL HOURS	MEAN	42.3	43.2	51.5	56.4	64.2	69.7	72.2	72.5	71.5	59.9	53.3	45.7	58.6											
	S D	15.073	13.730	11.469	8.492	6.317	3.551	2.819	2.474	3.453	8.822	12.338	13.128	14.555											
	TOTAL OBS	5952	5424	5952	5760	5947	5760	5952	5952	5760	5946	5760	5952	70117											

2  
SIGNAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13589  
STATION

JACKSONVILLE FL  
STATION NAME

74-81

PERIOD

JAN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
JAN	00-02	100.0	100.0	100.0	99.6	97.0	90.2	80.6	67.7	37.1	83.1	744
	03-05	100.0	100.0	100.0	99.9	98.1	92.2	83.1	70.6	42.3	84.5	744
	06-08	100.0	100.0	100.0	100.0	98.4	93.3	83.5	70.0	42.5	84.8	744
	09-11	100.0	100.0	98.9	94.9	86.6	75.9	59.5	41.4	21.5	73.8	744
	12-14	100.0	98.8	89.9	77.4	64.7	42.3	25.0	15.6	7.3	57.9	744
	15-17	100.0	97.6	86.0	73.9	59.8	41.0	24.2	14.0	6.5	56.2	744
	18-20	100.0	99.9	98.8	94.0	85.2	75.5	60.1	39.2	14.8	72.6	744
	21-23	100.0	100.0	100.0	98.9	95.8	87.0	77.0	61.8	27.0	80.7	744
TOTALS		100.0	99.5	96.7	92.3	85.7	74.7	61.6	47.5	24.9	74.2	5952

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

13989

JACKSONVILLE FL

74-81

**FEE**

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.9	97.6	93.4	62.0	60.2	32.6	83.1	678
	03-05	100.0	100.0	100.0	100.0	98.7	95.0	84.8	72.3	35.5	84.5	679
	06-08	100.0	100.0	100.0	99.4	98.2	95.0	87.0	72.3	40.7	85.0	678
	09-11	100.0	100.0	98.8	92.6	80.2	66.7	49.4	33.8	15.0	69.6	678
	12-14	100.0	98.8	84.8	67.0	50.4	31.4	22.6	13.7	5.5	53.1	678
	15-17	100.0	97.8	78.8	63.0	46.9	30.5	20.6	14.6	5.0	51.5	678
	18-20	100.0	100.0	96.9	88.5	79.8	66.1	47.8	27.3	9.9	67.3	678
	21-23	100.0	100.0	100.0	99.0	94.1	86.4	76.4	52.9	20.2	78.8	678
TOTALS		100.0	99.6	94.9	88.7	80.7	70.6	58.8	44.1	20.6	71.6	5424

**USAFETAC**

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

4 A R  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	99.6	99.1	95.6	87.8	73.4	34.3	84.8	744
	03-05	100.0	100.0	100.0	99.9	99.6	96.6	92.1	80.2	45.0	87.4	744
	06-08	100.0	100.0	100.0	100.0	99.3	97.2	89.9	77.3	43.4	86.6	744
	09-11	100.0	100.0	97.8	90.3	78.6	60.2	43.7	26.6	9.0	66.3	744
	12-14	100.0	99.1	87.8	69.5	47.8	28.1	16.5	9.0	4.0	52.0	744
	15-17	100.0	98.3	86.4	69.0	48.7	28.5	16.5	10.1	4.0	51.7	744
	18-20	100.0	99.9	96.8	90.1	79.3	64.4	43.7	23.8	6.7	66.2	744
	21-23	100.0	100.0	100.0	99.1	97.2	90.7	80.0	55.5	19.6	80.1	744
TOTALS		100.0	99.7	96.1	89.7	81.2	70.2	58.8	44.5	20.8	71.9	5952

0-87-5 (OL A)



## RELATIVE HUMIDITY

APR  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	98.6	92.4	76.8	35.0	85.8	720
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	96.5	87.9	48.3	89.0	720
	06-08	100.0	100.0	100.0	100.0	99.7	98.1	91.9	77.5	36.4	86.4	720
	09-11	100.0	100.0	98.6	90.6	74.3	53.8	28.3	13.5	4.3	61.7	720
	12-14	100.0	99.4	88.2	68.9	44.2	19.7	10.7	5.8	.6	49.4	720
	15-17	100.0	98.9	87.6	68.3	43.2	22.9	12.8	5.6	.3	49.5	720
	18-20	100.0	100.0	97.1	91.0	79.3	60.3	38.8	16.3	2.2	64.4	720
	21-23	100.0	100.0	100.0	99.9	99.4	93.2	79.2	56.5	11.7	79.9	720
TOTALS		100.0	99.6	96.4	89.8	80.0	68.2	56.3	42.5	17.4	70.8	5760



## RELATIVE HUMIDITY

JUN  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.4	97.9	90.8	31.7	88.1	720
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	97.1	48.5	90.5	720
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	98.5	85.6	30.4	87.3	720
	09-11	100.0	100.0	100.0	99.6	96.8	81.4	42.9	13.5	1.4	69.0	720
	12-14	100.0	100.0	99.9	96.3	80.8	44.0	18.9	8.8	1.3	60.3	720
	15-17	100.0	100.0	99.4	95.4	80.3	56.3	30.0	13.1	1.8	63.2	720
	18-20	100.0	100.0	100.0	98.8	94.7	86.0	66.4	36.1	5.1	74.2	720
	21-23	100.0	100.0	100.0	100.0	99.9	97.4	93.8	76.7	14.2	84.2	720
TOTALS		100.0	100.0	99.9	98.8	94.1	83.0	68.5	52.7	16.8	77.1	5760

GLOBAL CLIMATOLOGY BRANCH  
JSAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13389  
STATION

JACKSONVILLE FL

73-80

JUL  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	94.5	27.3	68.5	744
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.5	40.9	90.6	744
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.1	88.7	28.6	87.9	744
	09-11	100.0	100.0	100.0	100.0	97.8	85.5	46.8	14.4	.8	70.0	744
	12-14	100.0	100.0	100.0	99.5	84.7	47.3	19.2	8.1	1.1	61.4	744
	15-17	100.0	100.0	100.0	98.7	80.5	58.5	32.8	17.5	3.1	64.8	744
	18-20	100.0	100.0	100.0	99.9	96.9	87.5	68.3	37.5	7.3	75.5	744
	21-23	100.0	100.0	100.0	100.0	100.0	99.5	96.6	76.3	15.3	84.7	744
TOTALS		100.0	100.0	100.0	99.8	95.0	84.8	70.3	54.4	15.6	77.9	5952

**USAFETAC**

FORM  
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
SCAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

17899  
STATION

JACKSONVILLE FL

73-80

AUG  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG.	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	93.3	42.7	90.5	744
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	99.2	99.2	58.7	92.0	744
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.1	95.0	42.1	89.9	744
	09-11	100.0	100.0	100.0	100.0	99.9	93.4	57.9	16.7	.8	72.2	744
	12-14	100.0	100.0	100.0	99.9	94.1	57.0	19.4	9.3	1.9	63.6	744
	15-17	100.0	100.0	100.0	99.9	93.5	71.6	35.2	15.5	2.7	67.3	744
	18-20	100.0	100.0	100.0	100.0	99.7	97.2	80.9	47.3	6.6	78.8	744
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.2	92.5	23.7	87.9	744
TOTALS		100.0	100.0	100.0	100.0	98.4	89.9	73.8	59.2	22.4	80.3	5952

**USAFETAC**

FORM  
JUL 64

0-87-5 (OL A)

2

REGIONAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13889  
STATION

JACKSONVILLE FL  
STATION NAME

73-80  
PERIOD

SEP  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.2	59.4	91.9	720
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	71.5	93.2	720
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.9	97.4	61.0	91.9	720
	09-11	100.0	100.0	100.0	100.0	99.9	93.3	67.8	32.4	5.4	75.5	720
	12-14	100.0	100.0	100.0	100.0	94.3	65.3	31.5	16.1	5.7	66.7	720
	15-17	100.0	100.0	100.0	99.7	96.3	77.8	47.5	23.5	7.8	70.5	720
	18-20	100.0	100.0	100.0	100.0	100.0	97.9	91.7	66.5	15.7	82.9	720
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	99.2	96.0	40.3	89.7	720
TOTALS		100.0	100.0	100.0	100.0	98.8	91.8	79.7	66.2	33.4	82.8	5760

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

13889	JACKSONVILLE FL
STATION	STATION NAME

73-80

PERIOD

OCT  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	00-02	100.0	100.0	100.0	99.9	99.3	98.2	96.5	90.7	53.0	90.0	741
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	96.8	91.5	61.9	90.9	743
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	96.1	87.9	51.7	89.6	743
	09-11	100.0	100.0	100.0	97.2	91.8	74.7	52.0	24.5	6.3	70.4	744
	12-14	100.0	100.0	97.6	87.1	69.5	42.5	19.8	7.0	1.9	58.3	744
	15-17	100.0	100.0	95.8	87.4	75.3	51.6	27.7	11.6	3.0	61.0	744
	18-20	100.0	100.0	100.0	100.0	98.5	93.7	82.5	55.6	13.3	80.1	744
	21-23	100.0	100.0	100.0	100.0	99.7	98.4	94.3	86.5	37.0	87.9	743
TOTALS		100.0	100.0	99.2	96.5	91.8	82.2	70.7	56.9	28.5	78.5	5946

**USAFETAC**FORM  
FILM

0-87-5 (OL A)

## RELATIVE HUMIDITY

JACKSONVILLE FL

STATION NAME

73-80

PERIOD

NOV  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Nov.	00-02	100.0	100.0	100.0	100.0	99.9	97.8	92.6	85.0	54.0	89.3	720
	03-05	100.0	100.0	100.0	99.7	98.8	97.9	94.9	85.7	57.9	90.0	720
	06-08	100.0	100.0	100.0	99.9	99.6	97.8	93.8	83.9	56.5	89.4	720
	09-11	100.0	99.9	99.4	95.6	89.0	76.8	58.6	33.2	15.6	73.0	720
	12-14	100.0	99.2	92.8	82.1	66.3	42.4	23.8	10.0	3.9	57.6	720
	15-17	100.0	99.2	93.8	83.1	68.8	49.9	31.3	15.3	5.8	60.4	720
	18-20	100.0	100.0	100.0	99.3	97.6	93.5	84.6	62.6	20.7	81.8	720
	21-23	100.0	100.0	100.0	100.0	99.0	96.1	91.3	83.5	46.8	88.0	720
TOTALS		100.0	99.8	98.3	95.0	89.9	81.5	71.4	58.0	32.7	78.7	5760



## RELATIVE HUMIDITY

13489  
STATION

JACKSONVILLE FL

STATION NAME

73-82

PERIOD

DEC  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DFO	00-02	100.0	100.0	100.0	99.9	98.8	95.2	89.4	76.9	44.4	86.4	744
	03-05	100.0	100.0	100.0	99.9	99.3	96.8	92.3	78.5	48.5	87.6	744
	06-08	100.0	100.0	100.0	100.0	99.6	97.3	91.0	81.2	46.9	87.6	744
	09-11	100.0	100.0	99.7	97.8	89.8	77.8	62.1	43.5	23.0	75.1	744
	12-14	100.0	99.7	94.0	80.9	64.7	48.8	31.5	19.6	7.3	60.3	744
	15-17	100.0	99.3	92.6	78.4	64.9	50.4	32.0	20.7	6.9	60.5	744
	18-20	100.0	100.0	100.0	99.2	95.6	88.4	75.4	54.7	20.2	79.3	744
	21-23	100.0	100.0	100.0	99.9	98.1	94.9	87.6	74.5	37.4	85.3	744
TOTALS		100.0	99.9	98.3	94.5	88.9	81.2	70.2	56.2	29.3	77.6	5952

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13089  
STATION

JACKSONVILLE FL  
STATION NAME

73-81  
PERIOD

ALL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.5	96.7	92.3	85.7	74.7	61.6	47.5	24.9	74.2	5952
FEB		100.0	99.6	94.9	88.7	80.7	70.6	58.8	44.1	20.6	71.6	5424
MAR		100.0	99.7	96.1	89.7	81.2	70.2	58.8	44.5	20.8	71.9	5952
APR		100.0	99.8	96.4	89.8	80.0	68.2	56.3	42.5	17.4	70.8	5760
MAY		100.0	100.0	99.3	95.6	88.3	76.6	65.4	51.9	22.3	75.7	5947
JUN		100.0	100.0	99.9	98.8	94.1	83.0	68.5	52.7	16.8	77.1	5760
JUL		100.0	100.0	100.0	99.8	95.0	84.8	70.3	54.4	15.6	77.9	5952
AUG		100.0	100.0	100.0	100.0	98.4	89.9	73.8	59.2	22.4	80.3	5952
SEP		100.0	100.0	100.0	100.0	98.8	91.8	79.7	66.2	33.4	82.8	5760
OCT		100.0	100.0	99.2	96.5	91.8	82.2	70.7	56.9	28.5	78.5	5946
NOV		100.0	99.8	98.3	95.0	89.9	81.5	71.4	58.0	32.7	78.7	5760
DEC		100.0	99.9	98.3	94.5	88.9	81.2	70.2	56.2	29.3	77.8	5952
TOTALS		100.0	99.9	98.3	95.1	89.4	79.6	67.1	52.8	23.7	76.4	70117

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

# PART F

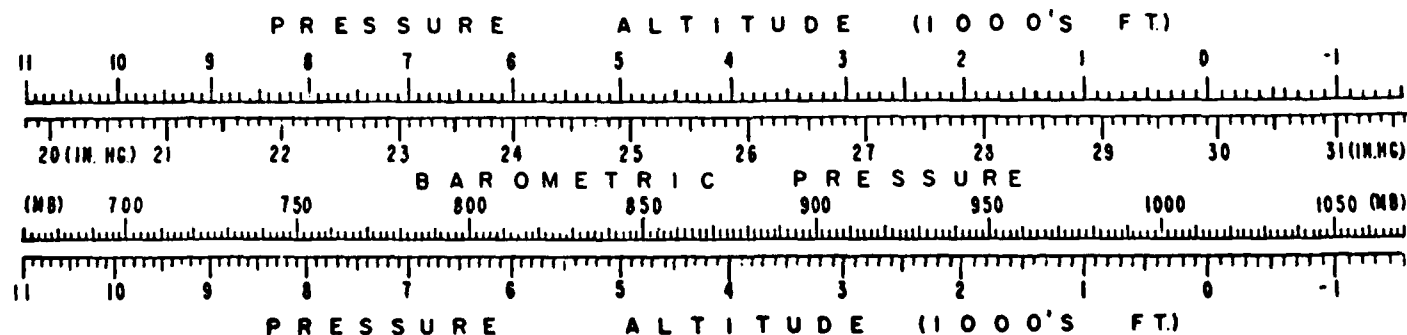
# PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

1989 JACKSONVILLE FL

73-81

STATION	STATION NAME	YEARS												
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1	MEAN	30.108	30.100	30.041	30.050	29.960	29.999	30.019	30.036	29.982	30.031	30.093	30.106	30.044
	S.D.	.178	.159	.163	.142	.107	.089	.075	.068	.085	.112	.120	.164	.136
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
4	MEAN	30.096	30.082	30.017	30.030	29.942	29.975	29.997	30.011	29.958	30.012	30.079	30.096	30.024
	S.D.	.178	.160	.164	.142	.108	.092	.076	.070	.089	.110	.120	.163	.137
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
7	MEAN	30.117	30.109	30.054	30.071	29.982	30.013	30.033	30.048	29.993	30.047	30.109	30.118	30.057
	S.D.	.178	.162	.165	.146	.109	.089	.075	.070	.094	.114	.122	.163	.137
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
10	MEAN	30.156	30.142	30.083	30.091	29.995	30.022	30.045	30.065	30.013	30.069	30.135	30.153	30.081
	S.D.	.180	.169	.169	.151	.114	.093	.077	.071	.096	.115	.125	.164	.142
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
13	MEAN	30.104	30.103	30.050	30.062	29.970	30.007	30.027	30.045	29.988	30.036	30.089	30.105	30.049
	S.D.	.180	.170	.171	.154	.115	.091	.076	.071	.095	.122	.128	.167	.141
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
16	MEAN	30.070	30.054	29.998	30.010	29.928	29.966	29.987	30.001	29.944	30.000	30.056	30.072	30.007
	S.D.	.176	.174	.174	.154	.117	.096	.080	.073	.091	.118	.127	.166	.141
	TOTAL OBS	248	226	248	240	248	240	248	248	240	247	240	247	2920
19	MEAN	30.100	30.077	30.015	30.021	29.937	29.981	29.999	30.015	29.963	30.025	30.086	30.103	30.027
	S.D.	.174	.170	.172	.153	.113	.093	.077	.071	.087	.120	.124	.163	.141
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
22	MEAN	30.120	30.104	30.047	30.053	29.971	30.004	30.026	30.046	29.990	30.044	30.102	30.115	30.052
	S.D.	.175	.163	.164	.147	.107	.092	.078	.068	.086	.113	.124	.162	.137
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	30.109	30.096	30.038	30.049	29.961	29.996	30.017	30.033	29.979	30.033	30.094	30.109	30.042
	S.D.	.178	.167	.169	.151	.113	.094	.079	.073	.093	.117	.125	.165	.141
	TOTAL OBS	1984	1808	1984	1920	1982	1920	1984	1984	1920	1983	1920	1983	23372

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

17-89 JACKSONVILLE FL

73-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1020.61	1020.31	1018.31	1018.61	1015.61	1016.91	1017.61	1018.21	1016.31	1018.01	1020.11	1020.6	1018.4	
	S D	6.021	5.398	5.520	4.824	3.643	3.029	2.539	2.309	2.887	3.797	4.071	5.550	4.600	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
4	MEAN	1020.31	1019.81	1017.61	1018.01	1015.11	1016.31	1017.01	1017.51	1015.71	1017.51	1019.81	1020.4	1017.9	
	S D	6.048	5.389	5.569	4.850	3.652	3.006	2.544	2.353	2.995	3.780	4.072	5.483	4.645	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
7	MEAN	1020.91	1020.61	1018.81	1019.31	1016.31	1017.41	1018.01	1018.61	1016.71	1018.51	1020.61	1021.0	1018.9	
	S D	6.032	5.495	5.569	4.952	3.687	2.989	2.539	2.363	3.184	3.854	4.130	5.529	4.627	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
10	MEAN	1022.31	1021.81	1019.81	1020.11	1016.91	1017.91	1018.61	1019.31	1017.51	1019.51	1021.71	1022.3	1019.8	
	S D	6.129	5.695	5.736	5.127	3.853	3.042	2.575	2.388	3.284	3.976	4.232	5.550	4.822	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
13	MEAN	1020.51	1020.41	1018.61	1019.01	1015.91	1017.21	1017.91	1018.51	1016.51	1018.21	1020.01	1020.5	1018.6	
	S D	6.093	5.773	5.808	5.210	3.880	3.077	2.584	2.405	3.226	4.111	4.329	5.670	4.758	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
16	MEAN	1019.41	1018.81	1016.91	1017.41	1014.61	1016.01	1016.61	1017.11	1015.21	1017.21	1019.01	1019.5	1017.3	
	S D	5.980	5.875	5.908	5.253	3.946	3.147	2.695	2.456	3.064	4.155	4.282	5.674	4.794	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
19	MEAN	1020.31	1019.51	1017.41	1017.61	1014.81	1016.31	1016.91	1017.41	1015.71	1017.81	1019.81	1020.4	1017.8	
	S D	5.895	5.758	5.813	5.190	3.819	3.143	2.626	2.388	2.927	4.078	4.197	5.531	4.785	
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921	
22	MEAN	1021.11	1020.51	1018.61	1018.81	1016.01	1017.31	1018.01	1018.61	1016.81	1018.61	1020.61	1021.0	1018.8	
	S D	5.934	5.505	5.531	4.990	3.638	3.026	2.601	2.294	2.909	3.877	4.220	5.451	4.619	
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921	
ALL HOURS	MEAN	1020.71	1020.21	1018.31	1018.61	1015.61	1016.91	1017.61	1018.11	1016.31	1018.21	1020.21	1020.7	1018.4	
	S D	6.056	5.663	5.737	5.114	3.832	3.114	2.660	2.465	3.135	4.006	4.250	5.595	4.761	
	TOTAL OBS	1984	1808	1984	1920	1982	1920	1984	1984	1920	1984	1920	1984	23374	

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